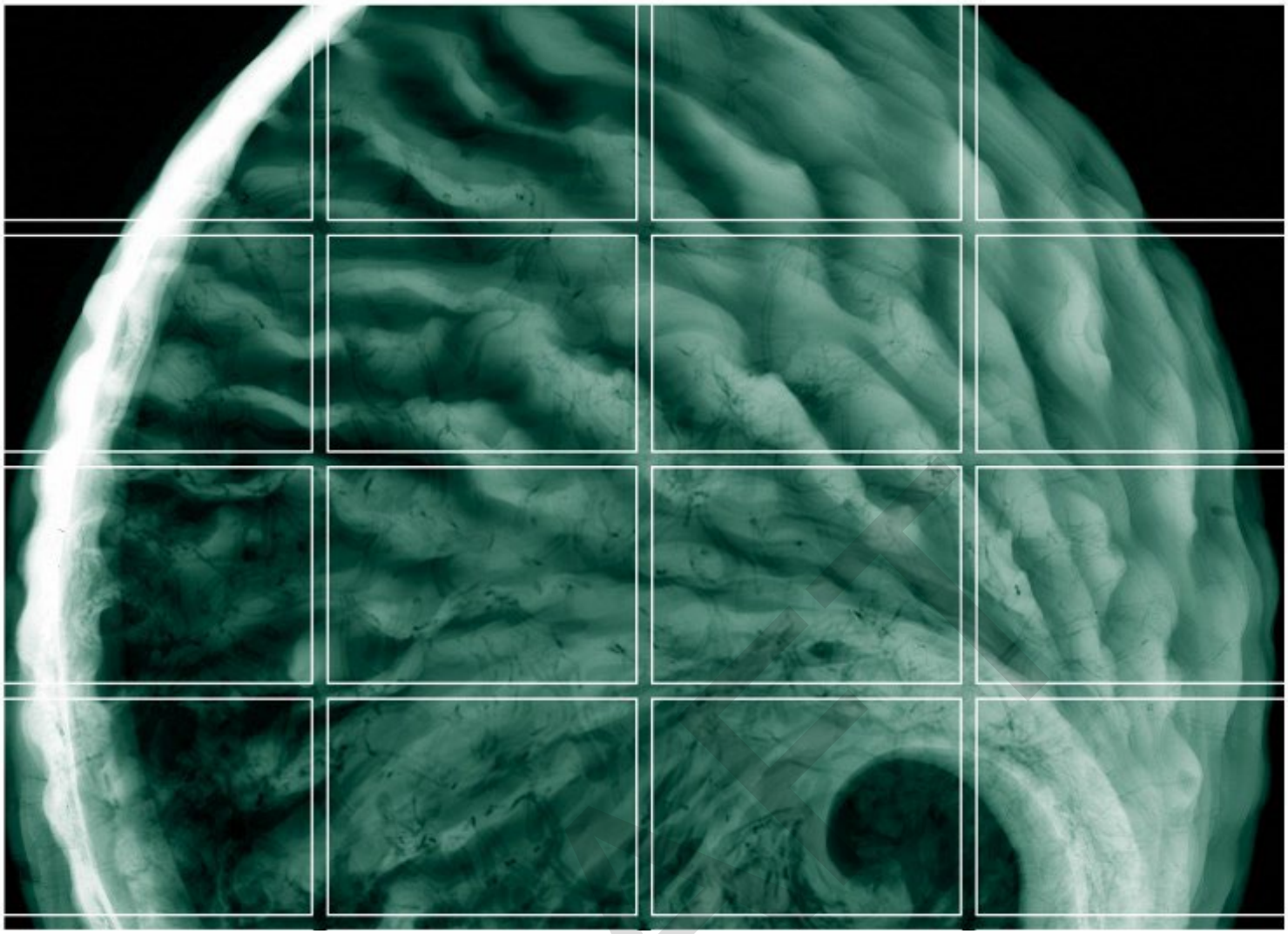

Western Parkland City Authority

Detailed Site Investigation

Bradfield City Centre

29 July 2022

Project No.: 0571466

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Signature Page

29 July 2022

Detailed Site Investigation

Bradfield City Centre

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Acronyms and Abbreviations

Acronym	Definition
ACM	Asbestos Containing Materials
AFFF	Aqueous Film Forming Foam
AHD	Australian Height Datum
AMG	Australian Map Grid
AMP	Asbestos Management Plan
AS	Australian Standard
BTEX	Benzene, toluene, ethylbenzene and xylene
COC	Chain of Custody
CoPC	Contaminant of Potential Concern
CSM	Conceptual Site Model
DQI	Data Quality Indicator
DQO	Data Quality Objectives
EPA	Environment Protection Authority (NSW)
ESL	Ecological Screening Level
GPR	Ground Penetrating Radar
GPS	Global Positioning System
ha	Hectare
HIL	Health-Based Investigation Level
HSL	Health Screening Level
LOR	Limit of Reporting
m	metre
m AHD	metres r**elative to** Australian Height Datum
m bgl	metres Below Ground Level
M BTOC	Metres Below Top of Case
MGA	Map Grid of Australia
NATA	National Association of Testing Authorities
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NEMP	National Environment Management Plan
NSW	New South Wales
PAH	Polycyclic Aromatic Hydrocarbons
PFAS	Per and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFHxS	Perfluorohexane sulfonate
PFOS	Perfluorooctane sulfonate
PID	Photo-ionisation Detector
ppm	Parts per million
QA / QC	Quality Assurance / Quality Control
RPD	Relative Percentage Difference

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Acronym	Definition
SAQP	Sampling and Analysis Quality Plan
SVOC	Semi Volatile Organic Compounds
TfNSW	Transport for New South Wales
TPH	Total Petroleum Hydrocarbons
TRH	Total Recoverable Hydrocarbons
VOC	Volatile Organic Compounds
WPCA	Western Parkland City Authority

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EXECUTIVE SUMMARY

Environmental Resources Management Australia Pty Ltd (ERM) was engaged by the Western Parkland City Authority (WPCA or 'the Client') to conduct a Detailed Site Investigation (DSI) of the site identified as the Bradfield development area, located at 215 Badgerys Creek Road, Bringelly NSW (the Site).

ERM undertook a Preliminary Site Investigation (PSI) in June 2021 to refine the understanding surrounding potential contamination associated with recent and historical land use practices undertaken within the Site and surrounding area that may require consideration during future redevelopment works. Based on the outcomes of the PSI, a Detailed Site Investigation (DSI) was recommended to further assess the potential for soil and / or groundwater contamination to be present.

This DSI was undertaken in general accordance with the Site Auditor approved ERM (2021) Sampling and Analysis Quality Plan (SAQP) which was developed to describe the required Data Quality Objectives (DQOs) and field investigation methods for undertaking this DSI.

The overall objective of the DSI was to assess the potential existence and distribution / extent of contamination in soil, sediments, surface water, and groundwater and to identify potential remediation / site management requirements to facilitate the subsequent redevelopment works at the Site.

Results of the DSI indicated the following:

- Fill materials were observed to extend to a maximum depth of 0.4 metres below ground level (m bgl). During investigation works there was no evidence of staining / odours or anthropogenic inclusions such as bricks, rubble, potential Asbestos Containing Material (ACM) etc. noted within the majority of fill materials, with the exception of those located in the area around the former married quarters, and an isolated (one location) observation of bitumen within topsoil. Based on the consistent depth of fill it is considered that there is a low risk of significant burials of uncontrolled fill materials within the Site;
- Natural materials were generally encountered at surface or at depths ranging between 0.1 and 0.4 m bgl in locations with identified overlying fill. Natural materials were generally comprised of brown and red clays;
- Soil samples that were analysed for Contaminants of Potential Concern (CoPCs) were all reported at concentrations below the laboratory Limit of Reporting (LOR) and / or the adopted screening values within the collected samples with the exception of heavy metals (copper, nickel and zinc) and one exceedance of the adopted site ecological screening value for per-and polyfluoroalkyl substances (PFAS). The minor detections of heavy metals and PFAS were not considered to be indicative of widespread contamination and did not warrant further investigation or remediation;
- Whilst no potential ACM was observed or reported in laboratory results during this investigation, it is noted that previous investigations have observed ACM in soils within the former married quarters area. The potential for ACM to be present in fill, particularly within this area remains;
- Surface water samples were analysed for CoPCs. All samples were found to exceed the adopted heavy metal (copper, lead, nickel and zinc) ecological screening values and three samples exceeded the adopted ecological screening value for Perfluorooctane sulfonate (PFOS). All other analytes were below the adopted screening values. Exceedances were considered a result of migration from up-gradient sources into the site in surface waters, noting that PFAS and heavy metals is widespread at low levels in urban environments. The reported exceedances are not indicative of significant / widespread contamination that requires further assessment and given the proposed development of the site into a city centre, the reported exceedances of the adopted ecological screening values are not considered likely to pose a significant risk following site development;

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- Sediment samples were analysed for PFAS, all samples reported concentrations below the laboratory LOR. No visual signs of contamination such as odours / staining were noted within the sediments collected;
- Groundwater was identified within the Site at depths ranging from 2.110 m below top of casing (m btoc) (MW08) to 9.721 m btoc (MW07). During groundwater sampling works, no indication of sheen, odours or other visual / olfactory indicators of contamination were noted. A survey of groundwater wells was completed to allow for calculation of groundwater levels in relation to the Australian Height Datum (AHD). The calculation indicated that groundwater on site was flowing towards the south east; and
- Groundwater samples returned concentrations of CoPCs less than the laboratory LOR and / or the adopted screening values within all collected samples with the exception of minor exceedances of the adopted freshwater screening values for heavy metals. It is considered that based on identified heavy metals detected within soils and site conditions observed during completion of this DSI, that the identified slightly elevated heavy metals concentrations within the analysed groundwater samples are likely representative of natural background conditions and are not indicative of significant anthropogenic contamination that requires further assessment.

Based on field observations made during site investigations works, results of collected soil, groundwater, surface water and sediment samples and in consideration of the updated CSM presented within Section 8, it is the opinion of ERM that the site is suitable for land uses permitted under the National Environment Protection (Assessment of Site Contamination) HIL-A criteria. The proposed development, which will be mixed use and include medium to high density residential, commercial, light industrial, retail, hotel, childcare, community and education which are all uses permitted under HIL-A.

ERM recommends that prior to the commencement of construction works an Asbestos Management Plan (AMP) should be implemented. The purpose of the AMP will be to manage the fill materials within the former married quarters area previously identified as containing ACM and also the potential for asbestos containing conduits to be encountered during earth works.

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1. INTRODUCTION AND OBJECTIVES

1.1 Introduction

Environmental Resources Management Australia Pty Ltd (ERM) was engaged by the Western Parkland City Authority (WPCA, or 'the Client') to conduct a Detailed Site Investigation (DSI) of the part of the area identified as the Bradfield City Centre as defined in **Figure 2** (the Site), located at 215 Badgerys Creek, Bringelly New South Wales (NSW).

- The site location is illustrated on **Figure 1**. The current layout of the Site and surrounds is presented in **Figure 2**.

1.2 Background

Due to project master planning requirements WPCA is seeking to undertake a staged investigation of the Site to facilitate early development of certain areas. To assist with planning requirements, ERM undertook a Preliminary Site Investigation (PSI) in February 2021 of the Site and immediately adjacent lands (as summarised in Section 3). Refer to **Figure 2.**

The objective of the PSI was to refine the understanding of potential contamination resulting from current and historical land use practices undertaken within the Commonwealth Land and surrounding area and to aid WPCA in assessing potential liabilities that may require consideration during future redevelopment works.

Based on information reviewed as part of the PSI, ERM identified some potential risks associated with a number of historical land use practices undertaken within the Site and in the surrounding area that warranted further assessment. ERM therefore recommended the completion of a Detailed Site Investigation (DSI) to further assess the potential for soil and / or groundwater impacts to be present. A summary of previous investigations and findings is presented in **Section 3**.

This DSI was undertaken in general accordance with ERM (2021) Sampling and Analysis Quality Plan (SAQP) which was developed to describe the required Data Quality Objectives (DQOs) and field investigation methods for undertaking this DSI.

1.3 Project Objectives

The overall objectives of the DSI were to assess the potential distribution / extent of contamination in soil, groundwater, sediments and surface water and identify potential remediation / site management requirements to enable subsequent redevelopment works at the Site.

- Development plans for the Bradfield City site include the development of commercial / industrial, medium and high density residential, educational, community, retail, hotel and childcare building structures and associated service infrastructure (roads, utility services etc.). Investigation works for the Site have been detailed within a separate SAQP.
- ERM also notes Sydney Metro is undertaking and managing works within the central and northern portions of the Site and hence those parts of the site were inaccessible. The central portion of the site has been subject to a separate investigation undertaken by GHD and has been excluded from this DSI. Areas of the site covered by this investigation are illustrated on **Figure 2.**

1.4 Scope of Works

To achieve the objectives outlined above, ERM completed the general requirements set out in the SAQP (ERM July 2021) and summarised below:

- project preliminaries including preparation of a site specific Health and Safety Plan (HaSP) and completion of subsurface utility clearance requirements;
- soil investigation works (locations shown on **Figure 4**) including:

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  - completion of 248 test pit locations and 42 soil bore locations to assess potential contamination within onsite soils and gain a more detailed understanding of the potential nature and distribution of fill material;
- groundwater investigation works (locations shown on **Figure 4**) including:
  - the installation of 11 groundwater monitoring wells to a maximum depth of 12 m bgl; and
  - completion of a groundwater monitoring event (GME) including the gauging and sampling of 11 newly installed wells in June 2022.
- surface water and sediment investigation works (locations shown on **Figure 4**) including:
  - the collection of 10 sediment samples from onsite drainage lines and overland flow paths; and
  - the collection of 9 surface water samples from onsite drainage lines and overland flow paths.
- submission of collected soil, groundwater, surface water and sediment samples to a laboratory NATA accredited for analysis of identified COPCs; and
- Interpretation of the results of laboratory testing in the context of the Site Assessment Criteria, field observations, local geology and hydrogeology and the history of the site; and preparation of this investigation report.

1.5 Regulatory Requirements

- ANZAST (2018). Australian and New Zealand Guidelines for Fresh and Marine Water Quality. (ANZG);
- Australian Standard (2005). AS 4482.1 2005, Guide to the Investigation and Sampling of Sites with Potentially Contaminated Soil, Part 2: Non-volatile and Semi-volatile compounds;
- Australian Standard (1999). AS 4482.2 1999, Guide to the Sampling and Investigation of Potentially Contaminated Soil, Part 2: Volatile Substances;
- Heads of Environment Protection Authority (2020). PFAS National Environmental Management Plan. This is hereafter referred to as ‘the NEMP, 2020’;
- National Environment Protection Council (2013). National Environment Protection (Assessment of Site Contamination) Measure 1999. This is hereafter referred to as ‘the ASC NEPM;
- National Health and Medical Research Council (2008). Guidelines for Managing Risks in Recreational Waters;
- National Health and Medical Research Council (2011). Australian Drinking Water Guidelines ADWG [updated August 2018];
- National Health and Medical Research Council/National Resource Management Ministerial Council, Commonwealth of Australia, Canberra (2011). Australian drinking water guidelines paper 6 national water quality management strategy;
- WA Department of Health (2009). Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia;
- Interim Guideline on the Assessment and Management of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS), WA Department of Environment Regulation (2017); and
- Perfluorinated Chemicals in Food, Food Standards Australia and New Zealand (2017). This is hereafter referred to as ‘FSANZ’;
- National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPC, 2013) - herein referred to as the ASC NEPM (2013);
- NSW EPA (2017) Guidelines for the NSW Site Auditor Scheme (3rd edition); and
- NSW EPA (2020) Consultants reporting on contaminated land, contaminated land guidelines.

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1.6 Limitations

This report was prepared in accordance with the scope of work outlined within this report and subject to the applicable cost, time and other constraints. ERM performed the services in a manner consistent with the normal level of care and expertise exercised by members of the environmental profession. ERM makes no warranty concerning the suitability of the Site for any purpose or the permissibility of any use, development or re-development of the Site.

Except as otherwise stated, ERM's assessment is limited strictly to identifying specified environmental conditions associated with the subject Site and does not evaluate structural conditions of any buildings on the subject Site. Lack of identification in the report of any hazardous or toxic materials on the subject Site should not be interpreted as a guarantee that such materials do not exist on the Site.

This assessment is based on Site inspection conducted by ERM personnel, sampling and analyses described in the report, and information provided by WPCA or other people with knowledge of the Site conditions. All conclusions and recommendations made in the report are the professional opinions of the ERM personnel involved with the project and, while normal checking of the accuracy of data has been conducted, ERM assumes no responsibility or liability for errors in data obtained from such sources, regulatory agencies or any other external sources, nor from occurrences outside the scope of this project.

ERM is not engaged in environmental consulting and reporting for the purpose of advertising, sales promoting, or endorsement of any client interests, including raising investment capital, recommending investment decisions, or other publicity or investment purposes.

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2. SITE BACKGROUND INFORMATION

2.1 Site Identification

Site identification information is presented in the table below

Table 2.1 Site Identification Details

Item	Description
Site Address	215 Badgerys Creek Rd, Bringelly NSW 2556
Lot and Deposited Plan	Part Lot 10 in Deposited Plan (DP) 1235662
Local Government Area	City of Liverpool Council
Zoning	■ The majority of the site is zoned as MU (Mixed Use) with the southern and eastern boundary of The Site zoned as ENZ (Environment and Recreation). ■ The north western portion of the Site is zoned as ENT (Enterprise) under the State Environment and Planning Policy (Western Sydney Aerotropolis) 2020. ■ Refer to **Appendix H** – Zoning Plan
Site Area	Approximately 94.56 hectares (ha) (excludes First building area and Sydney Metro site area)
Geographic Co-ordinates	Site boundary co-ordinates are as listed on **Figure 3**.

2.2 Site Setting

The following sections summarise the information obtained during the site background and history review.

- A copy of relevant database search results is provided in Appendix C within the ERM (2021) PSI**.**

Table 2.2 Site Identification Details

Item	Description
Historical and Current land-use	■ The Site forms part of the larger lot (Lot 10) acquired by the Commonwealth in 1959 for use as the Royal Australian Air Force (RAAF) Bringelly Radio Receiving Station (the 'Commonwealth land'). ■ The Bringelly Radio Receiving Station closed in 2005. ■ The Site was acquired by WPCA from the Commonwealth in 2020. ■ The buildings associated with the former Radio Receiving Station were demolished in 2022. ERM notes that the radio receiving station buildings were located within the central compound portion of the Site within the Sydney Metro site area and are excluded from this investigation.
Surrounding Land use	The land uses surrounding the site include: ■ **North**: Directly north of the Site is agricultural land followed by low density / semi-rural residence (approximately 290 m north of the Site). Residential properties are located approximately 550 m north of the Site and beyond. The north western boundary of the Site forms part of the Commonwealth land and is comprised of the area identified as Priority Area 1 which is subject to a separate SAQP and investigation (ERM 2022). ■ **South**: Directly south of the Site is a strip of vegetation followed by Thompsons Creek located approximately 40 m south of the Site. An area of rural residential housing lies beyond Thompsons Creek. ■ **East**: Thompsons Creek runs along the majority of the eastern border of the Site beyond which is The Retreat Road located approximately 115 m east of the Site. Residential properties are located approximately 150 m to the east of the Site and beyond.

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Item	Description
	■ **West**: Directly west of the Site are residential properties which extend for approximately 500 m and beyond. ERM notes that the central and northern portion of the Site is comprised of the Sydney Metro site area. While this is located within the Site area it was excluded from this investigation and as such is considered as "offsite" for the purposes of developing conceptual site models (CSM) and subsequent sampling strategies.
Site Elevation	■ The Site elevation ranges from 62 m relative to Australian Height Datum (AHD) within the north eastern portion of the Site to approximately 98 m AHD within the south western portion.
Topography	■ Topography within the surrounding area is variable with gentle / undulating slopes generally in a south easterly direction.
Hydrology	■ The nearest surface water body to the Site is Moore Gully which crosses the western boundary of the Site and enters Thompsons Creek at the eastern boundary of the Site. ■ Five unnamed ephemeral drainage lines are indicated on site mapping to flow through the Site and into Thompsons Creek to the south and east. ■ Thompsons Creek is a South Creek tributary with the confluence between the two creeks occurring approximately 1.3 km north-east of the Site.
Geology, Soils and Acid Sulfate Soils	■ The Penrith 1:100,000 Geological Mapping Sheet identifies the underlying geology as Bringelly Shale and is described as shale, carbonaceous claystone, claystone, laminite, fine to medium grained lithic sandstone, rare coal and tuff from the Middle Triassic age. ■ The soil landscape of the Site is described as ridge and valley country of gently undulating ridge tops and steep side slopes often with slumping and rounded hilly to steep hilly areas and relatively narrow valleys. Chief soils are hard acidic red soils (with hard acidic yellow mottled soils in places some ironstone gravels occur in both these soils. Associated are hard neutral and alkaline red soils and in saddles and some mid-slope positions soils, usually in depressions; and small areas of undescribed soils in wet soaks and valley areas. Small areas of other soils are likely throughout. ■ According to the Atlas of Australian Acid Sulfate Soils (ASS), ASS onsite and within the search buffer have an extremely low probability of occurrence. There is a 1-5% chance of occurrence with occurrences in small localised areas.
Hydrogeology	■ Previous investigations undertaken within the Site by ERM in 2021 (summarised in Section 3) identified groundwater at variable depths ranging from approximately 2.5 m bgl to 13 m bgl within underlying fractured shale bedrock (Bringelly Shale). ■ A search of registered groundwater bores identified five groundwater bores within the Site boundary. All bores were reported to be drilled for monitoring purposes. ■ A search of registered groundwater bores within a 2 km buffer from the Site identified eight registered groundwater bores. ■ Two of these bores were reported to be drilled for domestic / stock purposes, three were reported to be drilled for monitoring purposes, one for domestic / industrial / stock purposes and one for domestic purposes. ■ Aquifers onsite and within the buffer area are described as porous, extensive aquifers of low to moderate productivity. ERM notes that groundwater within the Bringelly Shale is often saline (due the marine derived nature of the Bringelly Shale) and may be unsuitable for beneficial uses.

2.3 Site History and Background Information

A detailed summary of site history and background information for the broader Site is presented within Section 7.0 of the ERM (2021) PSI. A brief summary of the ERM (2021) PSI as it relates to the Site is presented within Section 3 below.

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3. PREVIOUS INVESTIGATIONS

The primary and most recent previous investigation relied upon in developing this DSI was the ERM (2021) Aerotropolis Core Precinct – Review of Contamination Issues, 17th June 2021 (ERM 2021 PSI), a summary of which is presented later in this section.

To inform the preparation of that document, ERM undertook a review of the following previous reports relevant to the Site and broader Aerotropolis Core Precinct:

- Environmental Resources Management Pty Ltd (2022) Detailed Site Investigation, First Building Area Bradfield City Centre NSW (ERM 2022);
- Environmental Resources Management Pty Ltd (2011) RAAF Bringelly Receiving Station NSW, Heritage Assessment, 18 April 2011 (ERM 2011);
- GHD (2011) Department of Defence Support Group, Bringelly RAAF Receiving Station, Infrastructure Assessment Report, April 2011 (GHD 2011);
- Golder Associates (2011) Detailed Site Investigation, Former RAAF Bringelly Receiving Station, October 2011 (Golder 2011);
- Golder Associates (2011a) Hazardous Building Materials Assessment, Former RAAF Bringelly Receiving Station, April 2011 (Golder 2011);
- Sweett Group Pty Ltd (2011) Bringelly RAAF Receiving Station, Bringelly, NSW. Stage 1 Overarching Report – Summary Outcomes of Due Diligence Investigations, August 2011 (Sweett 2011);
- GTek Pty Ltd (2011) Post Activity Report Unexploded Ordnance (UXO) Consultancy Services RAAF Receiving Station Site Bringelly, NSW, 13th January 2011 (GTek 2011);
- Golder Associates (2014) Remedial Action Plan, Former RAAF Bringelly Receiving Station, April 2014 (Golder 2014);
- Deloitte Pty Ltd (2015) Defence Housing Australia Bringelly RAAF Receiving Station, 13th March 2015 (Deloitte 2015);
- Western Environmental Pty Ltd (2019) 215 Badgerys Creek Road, Bringelly, NSW, Detailed Site Investigation Report, 12 December 2019 (Western Environmental 2019);
- Thuroona Services Pty Ltd (2019) Cost Estimate Report - 215 Badgerys Creek Road, Bringelly, NSW, 24 December 2019 (Thuroona 2019);
- Arup Australia Pty Ltd (2020) Sydney Metro Greater West Technical Paper 7: Groundwater, 4th June 2020 (Arup 2020);
- M2A Pty Ltd (2020) Sydney Metro Greater West Technical Paper 6: Flooding, Hydrology and Water Quality (M2A 2020);
- M2A Pty Ltd (2020) Sydney Metro Greater West Technical paper 8: Contamination (M2A 2020a);
- Aerocon Australia Pty Ltd (2020) Western Sydney Aerotropolis Constraints and Land Capability Assessment – Stage 1 Report, September 2020 (Aurecon 2020); and
- Sydney Water Pty Ltd (2020), Aerotropolis Initial Precincts Stormwater and Water Cycle Management Study Interim Report, September 2020 (Sydney Water 2020).

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ERM notes that following completion of the ERM (2021) PSI, ERM completed the ERM (2021) Aerotropolis Core Precinct Targeted Site Investigation (TSI), 21 May 2021 (ERM 2021a) to assess the potential for PFAS and uncontrolled fill material to be present within targeted areas of the Site. A brief summary of contamination issues identified within the above reports has been provided in Section 3.2, a more detailed summary of both the ERM 2021 PSI and ERM 2021a TSI is presented below. An additional, separate DSI report was prepared for the First building area, completed 10 June 2022 and aimed at providing a detailed investigation into the potential for soil and groundwater contamination to be present in the First building area.

ERM (2021) PSI

ERM was engaged by WPCA to undertake a PSI of the Aerotropolis Core Precinct (which encompassed the Site and is now known as the Bradfield City Centre). The PSI was undertaken to assist in the development of a master plan being prepared by the WPCA.

The objective of the PSI was to undertake a review of previously identified contamination issues and refine the current understanding of site conditions to aid WPCA in assessing potential liabilities and constraints associated with site contamination that may require consideration during master planning and subsequent development works.

Information provided to ERM as part of the PSI indicated that the concept plan for the proposed redevelopment of the Aerotropolis Core Precinct included the following key features:

- The Moore Gully Billabongs, Thompson Park and a Waterfront Precinct located within the southern portion of the Aerotropolis Core;
- Educational facilities, a metro plaza, green gateways and sports fields located within the central portion of the Aerotropolis Core;
- Manufacturing / industrial lands, CSIRO facility, TAFE / multiversity and hotel located within the northern portion of the Aerotropolis Core; and
- Proposed landscaping which would include open water bodies for flood water storage / adaptive re-use, swimming and play area within the existing Moore Gully alignment and planted native vegetation throughout.

Scope of Works

To meet the project objective, ERM completed the following scope of works:

- Review of background information (previous investigations, relevant database searches); and
- Targeted groundwater, surface water and sediment sampling to aid in refining the understanding of potential PFAS impacts.

Discussion of Results

The Site is located within an area surrounded by rural residential, low density residential and commercial / industrial development. At the time of the PSI the land was largely vacant with the exception of former Defence infrastructure located within the central portion of the Site.

- Information from previous investigations indicated that the Site was first granted to private owners by the Crown in 1818. From this time until 1957 the Site underwent various ownerships and was utilized for agricultural purposes. In 1957 the land was transferred to the Commonwealth of Australia. The Site was used for Department of Defence purposes as a radar installation from 1957 until prior to 2005. In 2020, WPCA acquired the land from the Commonwealth to develop the Bradfield City Centre on behalf of the NSW Government;

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- Results from the desktop assessment indicated that the Site is primarily underlain by the Bringelly Shale which is described as shale, carbonaceous claystone, claystone, laminite, fine to medium grained lithic sandstone, rare coal and tuff from the Middle Triassic age. Groundwater within the Site was identified during previous investigations and gauging undertaken as part of the PSI to be present at depths of approximately 2.5 – 7.5 metres below ground level (m bgl);
- Previous investigations identified a range of potential contamination issues in the Site that require remediation and / or site management including former fuel storage USTs and asbestos impacted fill located within stockpiled fill to the south of the main compound and within the vicinity of the former married quarters:
    - During the site inspection undertaken as part of the PSI, ERM noted the potential for additional fill material to be present within Moore Gully. Fill within this area was noted to contain bricks and other demolition wastes. ERM noted that, at that time, no samples had been collected from this material to assess the potential for contamination to be present;
- Analytical results from collected sediment, surface water and groundwater samples as part of the PSI, returned concentrations of PFAS compounds less than the laboratory Limit of Reporting (LOR) and / or the adopted screening values with the exception of surface water samples SW2, SW8 and SW11 (located within the eastern portion of the Commonwealth Land). These samples returned results that exceeded the adopted drinking water guideline and the adopted 99% freshwater guideline for protection of aquatic ecosystems:
    - It was considered that the above results were generally consistent with previous investigations of PFAS undertaken as part of the Western Environmental (2020) investigation. While the specific source of PFAS was unclear, the results of the PSI sampling indicated the potential for PFAS to be migrating from offsite sources; and
    - ERM noted that further assessment of potential PFAS should be undertaken within the Site to assess the potential for historical sources of PFAS to be located within the main compound area (chemical storage area / firefighting system etc.).

As outlined within the preliminary Conceptual Site Model (CSM), ERM considered there may be a potential risk to human health and / or ecological receptors due to a number of potentially complete pollutant linkages identified by the PSI. Further investigation was therefore considered to be required to assess the potential risk to human health and sensitive ecological receptors.

- ERM recommended that a DSI should be undertaken to assess the contamination status of the Aerotropolis core (including the Site), to further characterise volumes of fill materials i that may require management and / or remediation and aid in the planning for future development works (offsite disposal, site management requirements etc.).

ERM noted that the DSI should be undertaken in consideration of previous investigations undertaken within and the identified CoPCs and include an assessment of soil, sediment, surface water and groundwater.

Based on the outcomes of the PSI, including the review of previous investigations, previous approved remediation plans and Site Audit Statements, it was considered that the Site could be made suitable for the proposed development following further investigations and completion of any subsequent required remedial / site management works.

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ERM (2021a) TSI

ERM was engaged by WPCA to undertake a Targeted Site Investigation (TSI) of certain portions of the Site. This targeted investigation was undertaken specifically to further the understanding of potential key constraints to future development works, and to enable collection of additional data to supplement existing information relating PFAS throughout Site and potential uncontrolled filling within a portion of Moore Gully

To achieve the above objectives, ERM undertook a TSI including the completion of a Ground Penetrating Radar (GPR) survey and test pitting within Moore Gully, and targeted soil, sediment and water sampling. The targeted sampling included the completion of shallow soil bores within overland flow paths located downgradient of the central compound area, installation of monitoring wells located on the periphery of the central compound area and the collection of surface water / sediment samples from offsite surface waters located adjacent to the Site.

Results of this investigation indicated the following:

- During investigation works, fill materials were generally observed to be comprised of brown – dark brown top soil materials containing a range of organic materials (roots etc.) to a maximum depth of 1.0 m below ground level (bgl) within Moore Gully and 0.2 – 0.5 m bgl within the central and eastern portions of the Site;
    - PID measurements collected during soil investigation works returned concentrations ranging from 0 – 1.7 parts per million by volume (ppm v) which were considered consistent with background conditions and not indicative of potential anthropogenic volatile contamination;
    - ERM noted that isolated anthropogenic inclusions (trace plastics etc.) were identified within fill materials encountered during excavations undertaken within Moore Gully;
    - During soil investigation works, no evidence of asbestos Containing Materials (ACM) or other indicators of significant / widespread anthropogenic wastes were identified within the advanced test pits or soils bores;
- Natural materials were typically encountered at depths of 1.0 m bgl and comprised sandy silty clay (red brown, medium firm / medium plasticity) to the maximum depth of test pit excavation (2.0 m bgl) overlying natural shales to the maximum depth of investigation works (20.5 m bgl);
- Groundwater was identified at depths ranging from 5.545 m btoc (MW206) to 12.111 m btoc (MW202); and
- Surface water and sediment sampling indicated low levels of water present within adjacent accessible drainage lines. Where surface water was present field observations did not identify sheen / odour or other visual / olfactory indicators of anthropogenic contamination. Sediments were noted to be generally comprised of silty / sandy materials free from visual / olfactory indicators of anthropogenic contamination.

Laboratory analysis of collected samples returned concentrations of CoPCs less than LOR and or the adopted assessment screening values with the exception of the following:

- PFAS exceeding the adopted low density residential screening values within surface soils located on the eastern boundary of the site compound / TfNSW site (BH211); and
- Laboratory analysis of collected surface water / sediment samples returned concentrations less than the adopted assessment screening values with the exception of surface water sample SW-3 which exceeded the adopted 99% freshwater ecological screening value for PFOS (0.00002 ug/l).

ERM (2021b) SAQP

ERM was engaged by WPCA to prepare a Sampling and Analysis Quality Plan (SAQP) for the Site. The SAQP described the Data Quality Objectives (DQOs) and required investigation methodology for undertaking this DSI including sampling, analytical and reporting requirements.

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3.1 Summary of Previously Identified Contamination

The following table summarises the occurrence and extent of contamination identified within the previous investigations reviewed and completed by ERM.

Table 3.1 Summary of Previously Identified Contamination

Location	Area of Environmental Concern	Comment
Onsite – First Building Area	**Unexpected finds / buried waste / fill materials**	■ While previous investigations have been undertaken within the portion of the Site identified as Moore Gully, due to limitations with GPR surveys the potential for buried wastes still remains a potential concern. ■ ERM notes the potential for additional fill materials to have been located within Moore Gully or other burial areas located within the Site. ■ This area may require further assessment to assess the potential for site management / remediation requirements prior to the commencement of development.
	Potential Weed Spraying and General Site Area	■ Potential historical land uses may have included weed spraying and other land uses to control weeds / pests within the Site. ■ Concentrations of PFAS (PFOS + PFHxS) in surface soils have been identified at low concentration at various locations throughout the surrounding area and may be associated with surface run off from the surrounding central compound area. ■ Potential nutrients may have been introduced to the Site as a results of historical agricultural activities.
	Asbestos service pits / conduits:	■ Onsite service pits / conduits require a survey to be completed to assess the potential for additional asbestos to be present which may require management and / or remediation to enable the Site to be suitable for the future proposed development.
Offsite (but within remainder of WPCA Land)	**Central Compound Fuel storage:**	■ Groundwater monitoring undertaken to date has not identified elevated hydrocarbons within groundwater wells located within the vicinity of existing USTs. ■ Reports indicate that fuel tanks still contain diesel / petrol products with the last investigation undertaken in 2011. ■ There is the potential for leaks of fuels to have occurred within the intervening period as tanks are unlikely to have been maintained during this period or assessed for loss / leaks. ■ Fill materials adjacent to USTs identified to be stained (green colouring) and containing hydrocarbon odours.
	Central Compound Hazardous building materials:	■ Hazardous materials identified within building structures require removal / management and may have impacted localised surrounding surface soils (through degrading materials) ■ Where buildings are to be demolished, removal of hazardous building materials as per relevant regulatory requirements (including validation of surrounding surface soils). Validation of successful removal and confirmation that additional impact to surface soils did not occur during removal works; and

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Location	Area of Environmental Concern	Comment
		■ Where buildings are to be retained, removal and / or management of identified hazardous materials as per relevant guidelines / standards. Where materials are to remain onsite, update and maintain hazardous materials register for all future users. Validation of surrounding soils may also be required to demonstrate suitability for the proposed development.
	Central Compound Septic tank	■ Previous investigation identified the presence of a septic tank within the central compound. While ERM notes that results from previous investigations did not identify concentrations of CoPCs to exceed screening values, as the septic tank was not targeted during investigation works, the potential exists for contamination of surrounding soils etc. to have occurred.
	Married Quarters - Identified asbestos surface impact	■ Previous investigations identified surficial asbestos within the vicinity of the former married quarters. ■ The identified asbestos impact may differ from distribution within Golder investigation. Potential for additional impact from degrading building structures etc. Fill was observed to 0.5 m bgl therefore potential exists for deeper asbestos materials to be present.
	Identified asbestos impacted stockpile:	■ Approximately 1600 m^3 of asbestos impacted fill has been identified within a stockpile located south of the administration building.
	Adjacent Residential Dwellings	■ ERM notes that residential blocks located adjacent to the Site were not inspected during works. ■ The potential exists for contamination associated with residential land uses such as weed spraying, pesticides, fertilisers, septic tanks, etc., minor vehicle maintenance activities and degrading hazardous building materials (asbestos, lead paints etc). ■ This area may require further assessment to assess the potential for site management / remediation requirements prior to the commencement of development.

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4. DATA QUALITY OBJECTIVES

Based on the preliminary CSM presented within Section 5 of the ERM (2021b) SAQP, the following Data Quality Objectives (DQOs) were developed for this investigation.

The Data Quality Objectives (DQOs) for this SAQP have been developed in accordance with the ASC NEPM and the Australian Standard *AS4482 Guide to the Sampling and Investigation of Potentially Contaminated Soil*

4.1 Step 1 – State the Problem

The ERM (2021) PSI identified a range of potentially contaminating historical land uses / activities in the Site and surrounding area, as such WPCA required this DSI to be undertaken to assess the potential for contamination to be present that may require consideration prior to or during redevelopment works.

4.2 Step 2 – Identify the Decisions

Based upon the objectives of the DSI, the decisions required to meet the objectives of this DSI are discussed below:

- Are there any potential unacceptable risks to human health and / or ecological receptors from contaminants in surface water / sediments / fill / soil and / or groundwater?
- Is there any evidence of, or potential for, migration of contaminants from the Site?
- Is there any evidence of, or potential for, off-site migration of contaminants from adjacent sites onto the Site?
- Is there sufficient information on the distribution and characteristics of contaminated media across the site to evaluate risk of harm to human health and/or the environment and whether off-site migration of contamination may have occurred?
- Is management or remediation of contamination, if identified, required?
- Is there sufficient information on the distribution and characteristics of contaminated media across the Site to develop a Remediation Action Plan or Site Management Plan to (where necessary) remediate and / or manage site contamination?

4.3 Step 3 – Identify Information Inputs

The inputs to make the above decisions include:

- Information relating to the environmental setting of the Site and surrounding area obtained during preparation of the ERM (2021) PSI;
- Information obtained during review of previous investigations;
- Field observations made during intrusive investigation works;
- Laboratory analytical data of collected soil and groundwater samples;
- Field measurements collected during intrusive investigation and groundwater monitoring rounds;
- Screening-level assessment values from guidelines made or approved by the NSW EPA detailed within Section 6; and
- Confirmation of acceptable data quality by assessment of data quality assurance / quality control by comparison against Data Quality Indicators (DQI).

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4.4 Step 4 – Define the Study Boundaries

The boundaries of the investigation are identified as follows:

- Spatial boundaries – the investigation is limited to the Site boundaries as illustrated within Figure 1 and the maximum depth of investigation at each location detailed within Section 5 of this report.
- Temporal boundaries – the temporal boundary is limited to the data collected during the completed investigation works. As such, seasonality was not assessed at this stage of the investigation.
- Constraints within the study boundaries – the following were limitations that required consideration within the development and implementation of the sampling strategy:
  - Access restrictions due to overlap with Sydney Metro works area boundary and access roads (refer **Figure 2**);
  - Access restrictions associated with construction activities within the northern portion of the Site;
  - Access restrictions associated with heritage items, site topography (gullies / drainages lines) and vegetation; and
  - The presence of underground and overhead utilities.

Sampling locations were identified within the ERM (2021b) SAQP in consideration of the above factors with some slight modification during investigation works as required to account for encountered site conditions.

4.5 Step 5 – Develop the Decision Rules

The decision rules adopted for this investigation are included in the table below:

Table 4.1 Data Quality Objectives – Decision Rules

Decision Required to be Made	Decision Rule
Is the data sufficient to address the objectives of the investigation?	■ Does the collected data indicate the potential for significant and widespread contamination arising from sources subject to this investigation? ■ Do field observations (including visual, olfactory, presence of anthropogenic materials in fill) indicate potential significant contamination at the investigation locations? ■ Do analytical data exceed adopted screening-level assessment values? ■ Is there sufficient information to estimate the volume of fill material contained onsite? ■ Have any additional areas of potential environmental concern been identified within investigations works?
Is the data generated by sampling and analysis of an acceptable quality?	■ Has the data collected been subjected to an assessment of quality assurance/quality control and found to be suitable for use in this assessment?
Does the Site contain soil / groundwater and surface water / sediment impacted by contamination resulting from historical land uses?	■ Collected soil and groundwater samples are to be analysed for CoPCs associated with current and historical land uses practices and results compared to relevant NSW EPA made or endorsed regulatory screening values. Where necessary, appropriate statistical analysis will be used to further analyse data and inform site assessment.
Is there evidence of significant widespread contamination?	■ Collection of representative soil and groundwater samples during site investigation works.

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Decision Required to be Made	Decision Rule
Is additional information required to determine the potential liabilities/constraints associated with the proposed development?	■ Where determined that additional information was required to further reduce the uncertainties associated with the distribution and characterisation of soil and / or groundwater contamination, then appropriate recommendations for further assessment and/or investigation (including for assessment of potential risks) have been provided.
Is there sufficient information to develop a remedial / site management strategy	■ Do the results of the investigation provide sufficient information of the nature, distribution and risk to identified receptors of contamination within soil and groundwater? If no, additional investigation may be required.

4.6 Step 6 – Specify Limits of Decision Error

This step establishes the decision maker's tolerable limits on decision errors, which provide performance goals for limiting uncertainty in the data. Data generated during this project must be appropriate to allow decisions to be made with confidence.

Specific limits for this project have been adopted in accordance with the appropriate guidance from the HEPA (2020) NEMP and the ASC NEPM appropriate data quality indicators (DQIs) used to assess data quality assurance / quality control (QA / QC) and standard ERM procedures for field sampling and sample handling.

To assess the usability of the data prior to making decisions, the data was assessed against pre-determined DQIs for precision, accuracy, representativeness, comparability and completeness.

The pre-determined DQIs established for the project are discussed below in relation to precision, accuracy, representativeness, comparability, completeness and sensitivity.

- **Precision** – measures the reproducibility of measurements under a given set of conditions. The precision of the laboratory data and sampling techniques is assessed by calculating the Relative Percent Difference (RPD) of duplicate samples.
- **Accuracy** – measures the bias in a measurement system. The accuracy of the laboratory data that are generated during this project is a measure of the closeness of the analytical results obtained by a method to the 'true' value. Accuracy is assessed by reference to the analytical results of laboratory control samples, laboratory spikes and analyses against reference standards.
- **Representativeness** – expresses the degree with which sample data accurately and precisely represent a characteristic of a population or an environmental condition. Representativeness is achieved by collecting samples on a representative basis across the site, and by using an adequate number of sample locations to characterise the site to the required accuracy.
- **Comparability** – expresses the confidence with which one data set can be compared with another. This is achieved through maintaining a level of consistency in sampling techniques, analytical techniques and reporting methods.
- **Completeness** – is defined as the percentage of measurements made which are judged to be valid measurements. The completeness goal is set at there being sufficient valid data generated during the study.
- **Sensitivity** – expresses the appropriateness of the chosen laboratory methods, including the limits of reporting, in producing reliable data in relation to the adopted screening values.

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Where any of the DQIs were not met, further assessment was conducted as necessary to assess whether the non-conformance significantly affects the usefulness of the data. Potential corrective actions include requesting further information from samplers and/or analytical laboratories, downgrading of the quality of the data or alternatively, re-collection of the data. DQIs are provided the table below.

Table 4.2 Data Quality Objectives – Limits of Decision Error

Data Quality Objectives	Frequency	Data Quality Indicator
Precision		
Blind duplicates (intra laboratory)	■ 1/20 samples (or 1/10 for PFAS)	■ <30% RPD where result is >10 times LOR
Blind duplicates (inter laboratory)	■ 1/20 samples (or 1/10 for PFAS)	■ <30% RPD where result is >10 times LOR
Accuracy		
Surrogate spikes	■ All organic samples	■ 70-130%
Laboratory control samples	■ 1 per lab batch	■ 70-130%
Matrix spikes	■ 1 per lab batch	■ 70-130% ■ Lower recoveries may be acceptable for organochlorine pesticides (OCPs), organophosphate pesticides (OPPs), (polychlorinated biphenyls) PCBs and phenols and, where necessary, were assessed according to USEPA protocols.
Representativeness		
Sampling appropriate for media and analytes	■ NA	■ NA
Samples extracted and analysed within holding times.	■ NA	■ organics (14 days), inorganics (6 months)
Rinsate blank	■ 1 per day where non-dedicated equipment is used. ■ Samples are to be analysed for all CoPCs other than asbestos.	■ <LOR
Trip spike	■ 1 per lab batch (BTEX only)	■ 70-130%
Method blank / field blank	■ 1 per lab batch	■ <LOR
Comparability		
ERM standard operating procedures for sample collection & handling	■ All samples	■ All samples
NATA* accredited analytical methods used for all analyses	■ All samples	■ All samples
Consistent field conditions, sampling staff and laboratory analysis	■ All samples	■ All samples

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Data Quality Objectives	Frequency	Data Quality Indicator
Completeness		
Sample description and Chain of Custodies completed and appropriate	■ All samples	■ All samples
Appropriate documentation	■ All samples	■ All samples
Satisfactory frequency and result for QC samples	■ All QA / QC samples	■ -
Data from critical samples is considered valid	■ NA	■ Critical samples valid
Sensitivity		
Limits of reporting appropriate and consistent	■ All samples	■ All samples

4.7 Step 7 – Optimise the Design for Obtaining Data

Historic uses of the Site and immediately surrounding area indicate the potential for contamination to be present that may pose a risk to human health or the environment. The potentially contaminating sources and activities undertaken are detailed above.

Various strategies for developing a statistically based sampling plan are identified in the ASC NEPM including judgemental; random; systematic and stratified sampling patterns.

Where there is sufficient information to suggest that an area is a source and where existing laboratory confirmatory data are available, then additional soil characterisation may not be warranted. The focus of the data collection was towards understanding and quantifying any complete pathways that may require further management.

While ERM notes that the sampling density adopted was less than the density detailed within the NSW Sampling Density guidance, based on the below approach, the proposed sampling density (~57 m grid) enabled identification of a hotspot with 30 m radius with 95% confidence (as detailed below).

The sampling rationale / strategy adopted is described in the table below and sample locations are presented on **Figure 4**.

Table 4.3 Data Quality Objectives – Optimise the Design for Obtaining Data

Media	Sample Location	Sampling Rationale
Soil	Test Pits	■ Test pits were excavated in a grid based approach within areas of open space and portions of the site in accordance with the NSW EPA sampling density requirements ■ The purpose of test-pit sampling was to visually assess the potential composition and extent of fill materials / potential asbestos within accessible portions of the Site and to enable sample collection. ■ Visual observations were recorded for all excavated test pits with soil samples obtained to assess potential site management requirements during construction and to aid in determining potential future waste classification requirements. ■ The density of test pits was estimated on a systematic triangular grid based approach with the ability to detect a circular hotspot of approximately 30 m radius with 95% confidence (calculated using Visual Sample Plan software developed by United States department of Energy). Based on the estimated large block / development approach proposed for the site, this sampling design is considered appropriate.

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Media	Sample Location	Sampling Rationale
	Soil Bores	■ Where site conditions precluded test pits, soil bores were utilised to assess ground conditions – 42 sample points were converted to soil bores. ■ While ERM notes that soil bores are not the preferred method for assessing the potential for asbestos, key indicators such as depth of fill and other signs of anthropogenic inclusions can be used as indicators for potential asbestos.
Groundwater	Groundwater Monitoring Wells	■ Based on a review of site history, it is the opinion of ERM that the potential for underground storage of fuels or onsite chemical storage is low, the potential for onsite migration of groundwater contamination required consideration. ■ A total of 11 additional groundwater monitoring wells were installed. Six wells were installed in a general grid based approach within the southern portion of the Site, two within the north western portion of the Site and three within the eastern portion of the Site to assess groundwater conditions and potential for on and off-site migration.
Surface Water / Sediments		■ Due to the potential re-use of surface water within the Site and broader Aerotropolis Core for recreational uses, sediment samples were collected from drainage lines that flow onto and within the site to aid in the assessment of potential for re-use requirements. ■ Surface water / sediment samples were collected opportunistically from onsite drainage lines to assess the potential for migration of PFAS and other key CoPCs from adjacent sites. ■ ERM notes that data collected during this investigation was used to supplement existing data relating to potential surface water / sediment contamination. Where possible, surface water and sediment samples were collected from locations consistent with previous investigation to allow comparison of potential trends to be assessed.

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5. INVESTIGATION METHODOLOGY

The following table summarises the scope of works and methodology completed as part of this assessment. Fieldwork works were undertaken by suitably qualified ERM environmental scientists in general accordance with the requirements outlined within the ERM SAQP (ERM 2021b).

A summary of completed works is presented within the table below.

Table 5.1 Investigation Methodology

Task	Proposed Scope
1 – Project Preliminaries	Prior to the commencement of investigation works, ERM completed the following: ■ Preparation of a site specific Health and Safety Plan (HASP) and associated Safe Work Method Statements (SWMS). ERM notes that in addition to ERM / regulatory requirements, the HaSP and SWMS considered all NSW Government advice relating to onsite precautions for COVID-19. ■ Preparation and submission of required permits for the investigation works.
2 – Service Location	■ Prior to the commencement of intrusive works, ERM undertook a review of available service plans, including Dial before You Dig and client supplied site plans. ■ The proposed investigation locations were cleared via an experienced underground utility locator with radio detection and Ground Penetrating Radar (GPR) equipment.
3 – Vegetation Clearance and Heritage Areas	■ To facilitate sampling of all required investigation locations, ERM worked with WPCA to ensure vegetation clearance works occurred within portions of the site where access was restricted due to vegetation growth. ■ Vegetation was cleared utilising either a back-hoe or tractor mounted slasher with specialist vegetation clearance attachments. ■ Following an assessment of the site by a dedicated heritage team, it was determined that a number of areas containing potentially significant heritage finds were present across the site. In order to reduce the likelihood of disrupting potentially significant heritage finds, ERM did not conduct intrusive sampling works within these areas. As a result, a total of 28 planned soil sampling locations were removed from the scope of works.
4 – Equipment Calibration	All equipment used in the field was operated under the appropriate technical procedures and calibrated prior to use in accordance with the manufacturer's specifications. ■ The PID was calibrated to an isobutylene standard at the beginning of each working day in accordance with manufacturer requirements and ERM's SOPs. ■ Water quality meters were calibrated by the rental company prior to use and relevant calibration certificates retained by ERM (**Appendix E**). ■ All of the relevant calibration records will be provided as an annex in the investigation report (refer to **Appendix E**). ■ Oil /water Interface probes were calibrated by the rental company prior to use and relevant calibration certificates retained by ERM (**Appendix E**).
5 – Test Pitting	Test pitting was undertaken to assess potential uncontrolled fill materials within the Site to aid in determining potential management / remediation requirements during construction and inform potential waste classification requirements. ■ A total of 248 test pits were excavated to a maximum depth of 2.0 m bgl or the occurrence of natural materials (whichever was encountered first) with a backhoe / excavator in generally triangular grid based approach across the Site (**Figure 4**). Where possible, two samples were collected from each location (one of fill and one of underlying natural soils) and assessed for relevant CoPCs. ■ Soils were logged by an appropriately trained and experienced scientist/engineer to record the following information: soil/rock type, colour, grain size, sorting, angularity, inclusions, moisture condition, structure, visual

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Task	Proposed Scope
	signs of contamination (including staining and fragments of fibre cement sheeting) and odour in general accordance with AS 1726. ■ Two primary samples (one topsoil / fill and one natural) were collected and analysed from each sampling location for chemical analysis as per the requirements of the ERM (July 2021) SAQP. ■ Field quality control/quality assurance (QA/QC) samples were collected including field duplicates, inter-laboratory duplicates, rinsate blanks, trip blanks and trip spikes (as per the requirements detailed within the SAQP); ■ During the advancement of all test pits all locations were field screened with a calibrated photoionisation detector (PID) for the presence of ionisable volatile compounds. ■ All samples collected were placed within laboratory-supplied containers / sample bags, stored in a chilled esky and transported to a NATA accredited laboratory under chain of custody conditions for the required analysis. Duplicate and Triplicate spilt samples were collected as per the requirements outlined within the NEPM. Copies of CoCs are provided within **Appendix F.** ■ All test pit locations were recorded using a handheld Global Positioning System (GPS) device for incorporation into subsequent reporting ■ Test pits were re-instated with excavated materials in the order from which they were excavated and track rolled for compaction.
6 – Soil Bores	A total of 42 soil bores were undertaken within the Site to a maximum depth of 0.5 m bgl within locations either previously test pitted or inaccessible to mobile plant (**Figure 4**). ■ Soil bores were logged by an appropriately trained and experienced scientist/engineer to record the following information: soil type, colour, grain size, sorting, angularity, inclusions, moisture condition, structure, visual signs of contamination (including staining and fragments of fibre cement sheeting) and odour in general accordance with AS 1726. ■ Two primary samples (one fill and one natural) were collected and analysed from each location for chemical analysis as per the requirements of the ERM (2021) SAQP. ■ Field quality control/quality assurance (QA/QC) samples were collected including field duplicates, inter-laboratory duplicates, rinsate blanks, trip blanks and trip spikes (as per the requirements detailed above within Table 4.2); ■ During the advancement of all soil bores all locations were field screened with a calibrated photoionisation detector (PID) for the presence of ionisable volatile compounds. ■ All locations were GPS recorded for incorporation into subsequent reporting. ■ All collected samples were placed within laboratory-supplied containers, stored in a chilled esky and transported to a NATA accredited laboratory analysis under chain of custody conditions for the required analysis. Copies of CoCs are provided within **Appendix F.**
7 - Groundwater Well Installation	A total of 11 groundwater monitoring wells were installed to provide general site coverage to assess potential impact to underlying aquifers and any associated risk to identified receptors associated with historical land use practices undertaken within the Site and surrounding area (**Figure 4**). ■ Groundwater monitoring wells were advanced using various drilling methods including hand augering, push tubing and air hammering based on depth of well to be installed, access and type of samples to be collected. ■ Monitoring wells were installed to depths ranging from 5 m bgl to 21.5 m bgl. ■ During the drilling of groundwater bores, all locations were field screened with a calibrated photoionisation detector (PID) for the presence of ionisable volatile compounds. ■ Groundwater monitoring wells were constructed using 50 mm machine slotted uPVC casing, washed filter sand and a bentonite clay seal. The screened interval installed a minimum 3.0 m in length, with longer screened sections installed in locations where signs of water were faint to ensure water in wells. ■ After the installation, each groundwater monitoring well was developed. During development, wells were purged using high flow pumps and / or disposable bailers.

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Task	Proposed Scope
	■ Upon completion of drilling works, waste materials generated during drilling works were temporarily stored in sealed drums in an area deemed suitable by WPCA and disposed offsite by a licensed waste contractor. ■ All wells were surveyed to aid in the assessment of ground water flow direction / velocity.
8 - Groundwater Sampling	ERM undertook a groundwater-monitoring event (GME) of 11 of the newly installed groundwater wells located within the Site on the 9th February 2022. ■ The standing water levels in each groundwater monitoring wells were gauged using an oil/water interface meter from the top of the well casing. ■ Total depth of the groundwater monitoring well were measured. ■ Groundwater within the wells was purged and sampled using Hydrasleeve sampling methods and placed into laboratory provided sample containers and stored with a cooler box for transport to the laboratory under Chain-of-Custody procedures. ■ Samples were collected and stored in appropriately preserved laboratory supplied containers for a suite of analytes as per the ERM (2021b) SAQP. ■ The samples were submitted to NATA accredited analytical laboratory for analysis in accordance with the proposed analytical schedule. Duplicate and Triplicate split samples were collected as per the requirements outlined within the NEPM.
9 – Surface Water and Sediment Sampling	■ ERM collected 9 surface water samples either directly into the sampling containers or using a hand-held sampling device (Swing Sampler) with subsequent decanting into the laboratory provided sampling containers. ■ Samples were collected to minimise disturbance to sediment to avoid excess sediment load in the sample, this included collection of surface water sample at a given location, prior to the sediment sample being collected. ■ Samples were collected from the middle of the water column present where practical. Sampling depths were recorded at each location as the depths vary depending on the season and location. ■ Sediment and surface water sample locations were co-located with water samples collected first to avoid cross contamination from disturbed sediments. In locations where surface water was not present during sampling, only sediment samples were collected. ■ ERM collected a total of 10 sediment samples from areas identified as drainage lines and / or overland flow paths (**Figure 4**). ■ Where grass, reed or vegetation growth covered the sediment, this material was moved aside using hand tools, with sediment samples collected from directly underneath the vegetation layer (i.e. at 0-0.1 m bgl from the sediment layer). ■ Where needed, sediment samples were placed in a sediment tray to allow excess water to be drained off, prior to transfer of sample into the laboratory supplied jar. ■ Samples were collected using gloved hand grab samples. Sediment was then transferred into sample jars using disposable nitrile gloves. ■ Sediment samples were collected via nitrile gloved hand and placed directly into laboratory suppled containers and submitted to NATA accredited analytical laboratory for analysis in accordance with the proposed analytical schedule. Duplicate and Triplicate split samples were collected as per the requirements outlined within the NEPM.
10 - Equipment Decontamination	■ All sampling equipment was decontaminated between sampling locations where designated disposable materials were not used. ■ Rinsate samples were collected as per the requirements of the SAQP to confirm the appropriateness of equipment decontamination.
11 - Waste Materials	■ Waste materials generated from sampling works were collected and stored in appropriately labelled dedicated storage containers. At the time of this report, waste remains stored onsite and will be disposed of appropriately following conclusions of environmental works for the Site. Disposal documentation will be provided as an addenda to this report.

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5.1 SAQP Non-Conformances

ERM notes the following overall minor non-conformances with the ERM (2021) SAQP.

Table 5.2 SAQP Non-Conformances

Item	Reason For Non-Conformance	Comment
Additional Soil Bores	■ ERM notes that due to site access issues centred on the overly soft surface materials present along much of the low lying, flood-prone areas of the site, some areas were only accessible by foot. In such instances soil bores were advance manually using a hand auger in place of a test pit.	■ It is noted that field observations and test pit logs from the initial test pitting works confirming the depth and nature of fill materials (including the potential for asbestos to be present) were recorded and as such this minor modification to the scope is not considered to have affected the overall quality of the collected data set.
Surface water samples not collected	■ ERM notes that during the course of the investigation works, no surface water was observed at location SW9, hence no sample was collected from this location.	■ Sediment samples were collected from onsite drainage lines / overland flow paths. The use of sediment data is considered to be a good indicator of potential impact arising from surface water flows within the site during periods of high rainfall, hence the absence of surface water from this location is not considered an issue.
Variance in test pit and monitoring well locations	■ ERM notes that test pit locations in the SAQP were based on a grid based layout. Given the size of the site, the lack of visible land marks in some areas and limitations in accuracy of hand held GPS units some minor deviation from the initially planned grid was noted. Completed locations (as shown on **Figure 4**) are based on onsite hand held GPS data and reflect the recorded placement of sampling locations. ■ Some locations were moved due to accessibility issues in the low-lying, flood prone areas of the Site. ■ Areas determined to contain potentially significant heritage finds were avoided, leading to the cancellation of 28 planned test-pit locations (refer to **Figure 4**).	■ While ERM notes there is minor deviation from the initially proposed grid within the SAQP, the overall sampling plan achieved the required coverage and general sampling density as detailed within the SAQP. As such it is the opinion of ERM that the placement of sample locations as detailed within **Figure 4** does not materially alter the suitability of the collected data set in meeting the stated project objectives nor the outcomes of the report.
Test pit locations within the Sydney Metro Licenced area (AI_TP145 and AI_TP152)	■ As above, some locations varied from the SAQP due to the size of the site and lack of visual land marks. ■ Metro area boundaries were altered in the time between the time test pitting occurred and the writing of this DSI, resulting	■ The sampling locations AI_TP145 and AI_TP152 have been completed within the Sydney Metro exclusion zone, which is not covered as part of this investigation. Due to a variation of boundaries after works had begun it was not foreseeable that these locations would be outside of the Site. The locations are not within areas that represent significantly different site conditions and are therefore considered to be representative of the general area, as such the data from these locations can still be used in the assessment of the site which is part of this investigation.

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6. ADOPTED SCREENING VALUES

6.1 Soil and Groundwater Screening Values

Individual soil and groundwater data, along with the maximum, minimum, mean, standard deviation and 95% Upper Confidence Limit (UCL) of the mean concentration (if required) were generally compared to the adopted screening values.

The adopted screening values have generally been sourced from guidelines made or approved by the NSW EPA which includes the National Environmental Protection Council (NEPC) (1999) National Environment Protection (Assessment of Site Contamination) as amended by Amendment Measure 2013 (No. 1) and where alternative sources have been utilised appropriate justification has been provided.

To provide flexibility for final master planning, screening values protective of all permissible uses as per the land zoning were adopted for initial screening purposes.

Table 6.1 Soil and Groundwater Screening Values

Media	Screening Values
Soil	Human Health Soil contaminant concentrations have been compared to published values consistent with requirements in NEPM, 2013 sourced from the following: ■ **Health Investigation Levels** (HILs): ▪ HIL A (low density residential) ▪ HIL C (recreational) ▪ HIL D (commercial / industrial). ■ **Health Screening Levels (**HSLs) for vapour intrusion: ▪ HSL A (low density residential) ▪ HSL C (recreational) ▪ HSL D (commercial / industrial). ■ **Ecological Investigation Limits** ▪ Commercial and industrial land use (Ecological – Direct Contact) Coarse ▪ Urban residential and open space – coarse Management Limits ■ Management Limits for assessment of risks to human health in residential, parkland and public open space as well as commercial and industrial settings were applied subsequent to the above screening values. Aesthetic ■ Consideration was also given to the aesthetics of the soil encountered.
Groundwater	For the purpose of this assessment, groundwater concentrations of contaminants were compared to published values consistent with requirements in NEPM, 2013 sourced from the following in the specified order of preference: ■ Health Screening Levels (HSLs) for vapour intrusion, asper the NEPM, 2013: ▪ HSL A (low density residential) ▪ HSL C (recreational) ▪ HSL D (commercial / industrial). ■ National Health and Medical Research Council (2011) Australian Drinking Water Guidelines (updated August 2018). While groundwater is considered unlikely to be used for drinking purposes in the vicinity of the site, screening against drinking water guideline values was conducted on a conservative basis under the scenario that groundwater is extracted and used for other purposes. Screening against drinking water guideline values has also been conducted on a conservative basis under the scenario that groundwater has the potential to discharge to a surface water body which could be used for recreational purposes. ■ Australian and New Zealand Environment Conservation Council (ANZECC) & Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ),

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	Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC & ARMCANZ, 2000). On the basis that the most likely nearest potential surface water receptor is a fresh water body, Trigger Values for fresh water and 95% protection levels (unless otherwise noted) have been adopted. Comparison against these screening values is considered conservative as some attenuation of chemical constituents would be expected prior to groundwater at the site reaching the nearest potential surface water receptors.

6.2 PFAS Specific Screening Values

6.2.1 Soil Screening Values

The adopted screening values relevant to the different potential exposure scenarios are detailed in the following table.

Table 6.2 PFAS Specific Soil Screening Values

Land use Scenario	Source and Rationale		
	PFOS and/or PFHxS	PFOA	Comment
Health Based Guidance Values			
Public open space	1 mg/kg	10 mg/kg	■ For site areas where recreational use may be undertaken the public open space guidance were utilised. ■ Based on 20% of FSANZ TDI, i.e. up to 80% of exposure is assumed to come from other pathways. National Environment Protection (Assessment of Site Contamination) Measure Health Investigation Level C assumptions for public open space such as parks, playgrounds, playing fields (e.g. ovals), secondary schools (except where soil used for agriculture studies) and footpaths. ■ It does not include undeveloped public open space (such as urban bushland and reserves) which should be subject to a site-specific assessment where appropriate.
Residential with garden / accessible soil	0.01 mg/kg	0.1 mg/kg	■ ERM notes that the final site layout is not finalised and as such soil results were screened against residential with garden accessible soil. The use of this screening value is considered conservative and appropriate. Where site land use / masterplans can be provided that exclude low density dwellings, alterative screening values may be adopted based on the proposed land-use. ■ Based on 20% of FSANZ TDI, i.e. up to 80% of exposure is assumed to come from other pathways. ASC NEPM Level - A assumptions with home-grown produce providing up to 10% of fruit and vegetable intake (no poultry), also includes children's day care centres, pre-schools and primary schools. Does not include home-grown poultry/egg.
Industrial/ commercial	20 mg/kg	50 mg/kg	■ Assumes 8 hours is spent indoors and 1 hour spent outdoors at a site such as a shop, office, factory or industrial site. If the typical exposure for a site is predominantly outdoors with significant earthen areas, recalculation of a site-specific value is recommended. These were derived using the methodology consistent with assumptions set out in the ASC NEPM for HIL D.

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Land use Scenario	Source and Rationale		
	PFOS and/or PFHxS	PFOA	Comment
Ecological Guideline Values			
Ecological direct exposure	1 mg/kg	10 mg/kg	■ Soil results collected from the Site was assessed against the ecological direct exposure screening values presented in NEMP (2020). ■ The NEPM states that 'future work is recommended to review available soil – ecological direct exposure criteria proposed by Australian research and industry organisations. As an interim, it is proposed that the human health screening value for Public open space be used.'
Ecological indirect exposure	0.01 mg/kg	NA	■ Soil results collected from the Site will be assessed against the interim soil – ecological indirect exposure presented in NEMP (2020). ■ ERM notes that the indirect guidelines are likely to be overly conservative for the Site and has been considered in a site-specific during analysis and evaluation of data.

6.2.2 Sediment Screening Values

There are no published health or ecological screening values for PFAS in sediment. The primary issues of concern associated with PFAS in sediment are as follows.

- Potential human health impacts due to direct contact exposure to sediment;
- The potential for sediment to act as a source of PFAS that may remobilise into the water column and/or aquatic food chains; and
- The potential for sediment and / or sediment pore water concentrations to pose direct eco-toxicological effects.

In consideration of the primary risks / exposure scenarios, the following tier 1 screening values have been adopted.

- Health-based screening values for open space and residential soil (NEMP 2020) have been adopted to assess potential health risks due to direct contact with sediment by human receptors.
  - ERM notes that while soil screening values are not derived with specific consideration of sediment exposure, the frequency and duration of exposure to sediments during recreational use of water bodies are much lower than those assumed for soil exposure in a residential setting. Use of residential soil screening values is therefore considered protective of potential risk due to sediment exposure.
- Interim Soil – ecological direct exposure (NEMP 2020) have been used to assess the sediments.
  - ERM notes that while the soil screening values have not been derived with specific consideration of sediment exposure the use of the guideline for screening purposes in conjunction with the surface water sampling is considered appropriate for the investigation
- Potential impacts on surface water and/or the aquatic food chain have been assessed by comparison of surface water concentrations to relevant screening levels.
- There is currently insufficient data regarding direct sediment toxicity to sediment dwelling organisms, thus no screening values are available for this pathway.
  - As an interim measure the NEMP recommends the human health value of 1 mg/kg be used to evaluate soil and this has been used to evaluate provide an indication the exposure of organisms to concentrations in sediment.

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6.2.3 Groundwater Screening Values

- While ERM notes that an initial assessment of potential beneficial re-uses of groundwater within the area **(**Section 2.2**)** indicates that the beneficial use of groundwater for potable use within the vicinity of the Site is unlikely, as a conservative measure, drinking water guidelines were used as the primary tier 1 human health screening values for this assessment. Details on screening values for surface and groundwater were adopted as per the below table.

Table 6.3 PFAS Specific Water Screening Values

Land use Scenario	Rationale and adopted Ground and Surface water Screening Values		
	PFOS / PFHxS	PFOA	
Ecological – Fresh Water	0.00023 µg/L (99% protection); 0.13 µg/L (95% protection); (PFOS only)	19 µg/L (99% protection); 220 µg/L (95% protection;	■ Groundwater and Surface water screening values are sourced from Table 1 Draft Commonwealth Environmental Management Guidance (2016) which summarises the draft (as yet unpublished) guideline values developed for inclusion in the future revision of the ANZECC&ARMCANZ (2000) document "*Australian and New Zealand Guidelines for Fresh and Marine Water Quality*". ■ These guidelines are derived for a range of species protection levels, depending on the nature of the aquatic ecosystem, with 99% species protection values applicable to high conservation value / largely unmodified systems, 95% protection values applicable to slightly to moderately disturbed systems, and lower protection levels (90% and/or 80%) applicable to highly disturbed systems. ■ In addition, ANZECC&ARMCANZ (2000) recommend that for bio accumulative compounds, the 99% level be used for slightly to moderately disturbed ecosystems, unless site-specific assessment of risks due to bioaccumulation through the food chain is undertaken.
Human Health – Drinking Water	0.07 µg/L (PFOS + PFHxS)	0.56 µg/L	■ Values adopted from FSANZ (2017) Health Based Guidance Values for PFAS: For use in site investigations in Australia. Also referenced in the NEPM (2020). ■ The recreational screening value has been sourced from the NHMRC 2019 guidance utilising refined estimates of water ingestion while swimming etc. ■ ERM notes that the degree of conservatism in the drinking water and recreational water guidance values (90% attributed to other exposure pathways) means that exceeding these values does not constitute a risk if other pathways are controlled.
Human health – Recreation	2 µg/L (PFOS + PFHxS)	10 µg/L	

ERM notes that due to the low concentrations associated with the NEMP freshwater screening values, where the LOR exceeded the adopted screening value for HEPA NEMP (2020) Ecological – Fresh Water 99% protection of species, the laboratory LOR was used as an interim screening value.

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7. INVESTIGATION RESULTS

The following sections summarise the results of the investigation works undertaken by ERM.

7.1 Field Observations

7.1.1 Site Walkover

During the initial soil investigation works conducted by ERM between 25 October – 20 December 2021, the following observations were made. Site features observed during the Site walkover are presented within **Figure 4** and a photographic log presenting the observed conditions during investigation works is presented within **Appendix D;**

- Access roads were located within the Site boundary, including a bitumen road that entered the Site from the 1st building area in the north-west and running straight to the south along the western site boundary before turning east-west and terminating at the site compound in the centre of the Site (Photographs 39 and 39 in **Appendix D**). Other unsealed access roads were observed in the north-west, along the perimeter of most of the Site and cutting east-west through the centre of the site just south of the former compound building. Unsealed access roads were comprised either of exposed clays or topsoil with grass cover;
- The remainder of the Site was comprised of open grass areas (adjacent to roadways) or thicker shrubs / vegetation (Photographs 8, 11, 14, 15, 21, 22, 27, 29 and 34 in **Appendix D**). ERM notes that prior to sampling works, much of the site vegetation was cleared to enable access;
- Signage related to underground services was observed near the unsealed access roads within the north-western portion of the Site, indicating that services were running from the compound at the centre of the wider site to the site access point on Badgerys Creek Rd in the north-west. No signs of fill materials / foreign materials were observed across the site surface in this area. It is noted that advice from WPCA and the adjacent Transport for New South Wales (TfNSW) contractors indicated that all onsite services were redundant; and
- During completion of the site walkover soil bores and test pits, no evidence of ACM or anthropogenic inclusions (bricks, demolition rubble etc.) were noted with the exception of some broken glass / ceramic fragments within topsoil and shallow fill materials located in the former married quarters area and some minor bitumen inclusions noted within surface materials at location TP92 toward the south of the Site.

7.1.2 Soil Investigation Works

Figure 4 illustrates soil investigation locations. Bore logs detailing the stratigraphic conditions encountered during drilling of boreholes and test pitting works are presented in **Appendix C**. A photographic log illustrating conditions encountered during investigation works is presented within **Appendix D**.

Soil investigation works including the completion of 238 test pits over the periods 27 October – 9 November 2021, 17 December – 1 December 2021 and 16 June 2022 and 42 soil bores over the periods 15 – 16 November, 21 December 2021 and 16 June 2022. Soil investigation works were conducted to assess the conditions of soil materials throughout the Site and the presence, depth and extent of fill materials.

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During test pitting works, fill materials were generally observed to extend to depths of approximately 0.1 – 0.2 m bgl (with the exception of TP92, which extended to 0.4 m) and comprised a mixture of orange, red and grey mottled clays and tan fine—coarse grained sand containing various foreign materials including bitumen, glass, metal wiring, ceramic and brick inclusions. During investigation works, no evidence of staining / odours were noted within fill materials. Observations of anthropogenic inclusions such as bitumen, glass, metal wiring, ceramic or brick in fill materials were limited to a few isolated locations near the northern side of the bitumen access road leading to the former site compound (TP144 and TP148), and an isolated location in the gully towards the south of the Site (TP92).

- **Figure 9 (Appendix A)** illustrates the estimated fill / topsoil thickness across the site based on field observations made during investigation works.

Natural materials were generally encountered at surface or at depths of between 0.1 and 0.2 m bgl in locations with identified overlying fill. Natural materials were generally comprised of brown and red clays with occasional grey / orange inclusions, varying in stiffness and plasticity to a depth of approximately 2.5 m bgl overlying fine-grained interbedded sandstone and shale bedrock with clay bands. Low-lying areas and site drainage lines were generally observed to contain dark grey fine silty clay topsoils overlying soft grey plastic clays. Occasional observations of charcoal within natural materials occurred across the Site. During investigation works, no evidence of staining / odours were identified within natural materials.

Field screening was undertaken using a PID during soil investigation works (including drilling works associated with groundwater well installation) and generally reported results ranging from 0 – 10 ppm v (noting all PID screening results presented are equivalent to an isobutylene standard) which are considered consistent with background conditions and not indicative of potential anthropogenic contamination. ERM notes the following exceptions where elevated PID readings were measured:

- ERM notes that elevated PID readings of 32.4 and 16.1 ppm were identified at TP95 at depths of 0.1 m and 0.3 m bgl respectively. ERM notes that during sampling works, no evidence of staining / odour or other indicators of anthropogenic impact were identified within this location. Minor detections above the LOR were reported for both diethyl phthalates (0.6 mg/kg at 0.1m and 0.7 mg/kg at 0.3m depth) and TRH fractions C10-36 and C29-36 (51 mg/kg at 0.1m). Given such minor detections and the lack of identified indicators of anthropogenic contamination, both here and in the surrounding areas, it appears unlikely that this slightly elevated PID reading is indicative of potentially significant anthropogenic contamination.

7.2 Groundwater

To assess groundwater within the Site, ERM undertook a GME in June 2022. Field observations and groundwater gauging information collected during the investigation works are summarised below and presented within **Table 5 - 6** within **Appendix B**. The location of groundwater monitoring wells is presented on **Figure 4**. The location of samples from which analytical results exceeded one or more of the adopted screening values is illustrated on **Figure 6**.

During groundwater gauging, groundwater was identified within the Site at depths ranging from 2.110 m btoc (MW08) to 5.954 m btoc (MW04), groundwater was generally inferred to flow from west to east with the slope of the site. Given the underlying shale and sandstones present on-site there is the potential for preferential flow paths to form through cracks in the formation.

Refer to **Figure 8** – Hydrogeological Information and **Appendix I** – Survey.

During groundwater sampling works groundwater was generally characterised as clear, colourless and odourless with no noticeable odour or sheen. Wells MW01, MW04 and MW06 were noted to be odourless and very turbid with a brown or orange colour with no noticeable odour or sheen.

Field parameters collected during sampling works indicated the following:

- pH ranged from 6.73 (MW04) to 7.29 (MW03) indicating generally neutral conditions;

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- Dissolved Oxygen (DO) ranged from 0.5 mg/L (MW05) to 27.9 mg/L (MW03) indicating slightly aerobic to aerobic conditions;
- Conductivity ranged from 11,688 µs/cm (MW06) to 24,267 µs/cm (MW02) indicating brackish / saline conditions which is considered consistent with conditions within the Bringelly Shale formation; and
- Eh (redox potential) ranged from -69.3 mV (MW05) to 11.9 mV (MW06) indicating generally low reduction potential in site groundwater.

ERM notes that during well development, gauging and sampling works, no significant odours, sheen or other indications of anthropogenic contamination were noted.

7.3 Sediment Investigation

Sediment investigation works were undertaken on the 21st June 2022. During investigation works, sediments were noted to be comprised of Dark brown, silty clays. During investigation works, no evidence of anthropogenic contamination such as odours / staining were noted during sampling. The location of sediment samples is presented in **Figure 4.**

7.4 Surface Water

Surface water investigation works were undertaken on the 21st June 2022. During investigation works, surface water description varied between sample locations and were variously noted to be clear, clear with suspended algae, turbid, colourless, white, brown and were noted to have either no odour or a swampy organic odour. During investigation works, no evidence of anthropogenic contamination such as odours / staining were noted during sampling.

The location of surface water monitoring locations is presented on **Figure 4**. The location of samples from which analytical results exceeded one or more of the adopted screening values is illustrated on **Figure 7**.

Field parameters collected during sampling works indicated the following:

- pH ranged from 5.70 (SW07) to 7.30 (SW09) indicating slightly acidic to neutral conditions;
- Dissolved Oxygen (DO) ranged from 0.5 mg/L (SW01) to 30.0 mg/L (SW07) indicating slightly aerobic to aerobic conditions;
- Conductivity ranged from 77.6 µs/cm (SW07) to 1,605 µs/cm (SW05) indicating fresh to mildly brackish / saline conditions; and
- Eh (redox potential) ranged from -78.4 mV (SW01) to 207.9 (SW07) indicating a range of reduction potential in surface waters across the site from reducing to oxidising conditions.

7.5 Analytical Results

7.5.1 Soil Investigation

Sampling locations are presented on **Figure 4**. Tabulated analytical results are presented in **Tables 1 – 1a**. Analytical certificates are presented in **Appendix F.** The location of soil samples where one or more analytes returned a result exceeding the adopted screening values is presented within **Figure 5**.

Laboratory analysis of collected soil samples returned concentrations of CoPCs less than the adopted screening values and / or LOR with the exception the following:

- Zinc exceeding the EILs for urban residential / open space within samples TP303_0.3, TP101_0.1, TP101_0.3, TP104_0.5, TP108_0.1, TP109_0.3, TP117_0.1, TP117_0.2, TP121_0.1, TP133_0.3, TP143_0.1, TP158_0.3, TP170_0.1, TP201_0.3, TP21_0.1, TP21_0.3, TP227_0.3, TP228_0.1, TP255_0.3, TP263_0.3, TP264_0.1, TP86_0.4, TP95_0.3;

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- Zinc exceeding the EILs for commercial / industrial land use within samples TP123_0.1, TP228_0.3, TP94_0.3;
- Nickel exceeding the EILs for urban residential / open space land use within samples TP101_0.3, TP108_0.1, TP228_0.3;
- Nickel exceeding the EILs for commercial / industrial land use within samples TP101_0.1, TP123_0.1;
- Copper exceeding the EILs for commercial / industrial land use within sample TP228_0.3;
- PFAS (Sum of PFHxS and PFOS) exceeding the PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet) and Ecological exposure protective of birds guidelines in sample TP86_0.1

Additional detections were reported above the laboratory LOR but below the adopted screening values in soils for OCPs (Aldrin + Dieldrin, Dieldrin and chlordane), diethyl phthalates, TRH/TPH (various fractions, C10-C40) and various heavy metals (As, Cr, Hg, Pb). No detections above the laboratory LOR were reported in soils for asbestos, OPPs, VOCs, BTEX or PAHs. With the exception of sample TP86_0.1 (mentioned above) there were no reported PFAS detections above the LOR.

7.5.2 Groundwater Investigation

Groundwater well locations are presented in **Figure 4**. Tabulated analytical results are presented in **Table 2a.** Analytical certificates are presented in **Appendix F.** The monitoring well locations where the collected groundwater samples reported one or more result exceeding the adopted screening values are presented on **Figures 6**.

Laboratory analysis of collected groundwater samples returned concentrations less than the adopted screening values and / or LOR with the exception of the following:

- Copper concentrations were reported in excess of the ANZG (2018) guidelines for slightly to moderately disturbed ecosystems (freshwater) in all groundwater monitoring locations. Reported detections ranged from 0.002 mg/L (MW07, MW08) to 0.01 mg/L (MW01);
- Zinc concentrations were reported in excess of the ANZG (2018) guidelines for slightly to moderately disturbed ecosystems (freshwater) in all groundwater monitoring locations with the exception of MW06. The highest concentration was reported at location MW03, recording 0.17 mg/L of zinc in groundwater; and
- Phenanthrene was reported in excess of the ANZG (2018) guidelines for slightly to moderately disturbed ecosystems (freshwater) in monitoring well MW05, which recorded a detection of 1 µg/L.

Minor detections of several analytes above the LOR but below the adopted screening values were recorded for heavy metals, including arsenic (MW02, MW07, MW08), lead (MW02, MW03, MW09), chromium (MW02) and nickel (all sample locations); and PAHs including benz(a)anthracene (MW01, MW05), chrysene (MW05), and total PAHs (MW01, MW05). ERM notes that detections above the laboratory LOR were recorded for TRH fractions C10-16 and C10-16 F2-Naphthalene (MW06) and C10-14 (MW01, MW06).

No detections above the laboratory LOR were recorded for PFAS, VOCs/SVOCs, BTEX, OCP/OPP in samples collected from any of the groundwater monitoring locations.

7.5.3 Sediment Investigation

Sampling locations are presented on **Figure 4**. Tabulated analytical results are presented in **Table 3.** Analytical laboratory certificates are presented in **Appendix F.**

Laboratory analysis of collected sediment samples returned concentrations of CoPCs less than the Laboratory LOR for PFAS in all samples.

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7.5.4 Surface Water Investigation

Sampling locations are presented on **Figure 4**. Tabulated analytical results are presented in **Table 3.** Analytical laboratory certificates are presented in **Appendix F.** The surface water locations where the collected surface water samples reported one or more result exceeding the adopted screening values are presented on **Figure 7.**

Laboratory analysis of collected surface water samples returned concentrations less than the adopted screening values and / or LOR with the exception of the following:

- PFOS concentrations exceeded the NEMP (2020) (freshwater) guidelines for both: slightly to moderately disturbed ecosystems, and high conservation value systems at locations SW2 (located along the eastern boundary where surface waters flow out of the Site), SW9 (in Moore Gully approximately 200m from the western site boundary) and SW10 (down-gradient of Moore Gully on the eastern site boundary at the vehicle crossing point);
- Copper concentrations were reported in excess of the ANZG (2018) guidelines for slightly to moderately disturbed ecosystems (freshwater) in all surface water monitoring locations. Reported detections ranged from 0.002 mg/L (SW2) to 0.01 mg/L (SW10);
- Zinc concentrations were reported in excess of the ANZG (2018) guidelines for slightly to moderately disturbed ecosystems (freshwater) in all surface water monitoring locations with the exception of SW2. Reported detections ranged from 0.027 mg/L (SW7) to 0.094 mg/L (SW9);
- Nickel concentrations were reported in excess of the ANZG (2018) guidelines for slightly to moderately disturbed ecosystems (freshwater) in two surface water monitoring locations (SW10 and SW6); and
- Lead concentrations were reported in excess of the ANZG (2018) guidelines for slightly to moderately disturbed ecosystems (freshwater) in surface water monitoring location SW4;

Minor detections above the LOR but below the adopted screening values were recorded for PFAS (PFHxA, PFPeA, PFHxS and sum of PFHxS and PFOS), heavy metals (Arsenic, lead, nickel), TRH, Toluene, and VOCs (total MAH) in surface water samples.

7.6 Quality Assurance and Quality Control – Data Usability

A review of the laboratory QA/QC data was completed by ERM. The QA/QC review indicated that results are generally within the relevant DQI acceptance criteria for the analyses conducted. Details of the project QAQC assessment are provided within **Appendix G**.

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8. UPDATED CONCEPTUAL SITE MODEL

Based on information reviewed as part the ERM (2021) PSI and in consideration of current and potential future land use scenarios, ERM developed a preliminary Conceptual Site Model (CSM). The below CSM has been updated / refined with information obtained during this DSI.

Table 8.1 Conceptual Site Model

Potential Sources	Pathways	Potential Receptors	Risk of Potentially Complete Pollutant Linkage	Comment
Uncontrolled fill within onsite roads	■ Dermal contact and / or incidental ingestion with contaminated soils.	■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site	■ Low	■ During investigation works, no fill materials containing potential anthropogenic inclusions were identified within samples collected from within and / or adjacent to onsite roadways. ■ ERM notes that during future construction works, an Asbestos Management Plan (AMP) should be implemented to manage the fill materials identified as likely to contain asbestos within the former married quarters area.
	■ Inhalation of contaminated dust.	■ Current and future site users ■ Workers doing works involving movement / handling etc. of materials	■ Low	
	■ Transport of contamination through surface water flows.	■ Adjacent sensitive ecological receptors. ■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site.	■ Low	
	■ Transport of contamination to underlying groundwater aquifers	■ Adjacent sensitive ecological receptors. ■ Future potential on-site / offsite users of groundwater	■ Low	
	■ Transport of contaminants through mechanical transport	■ Workers carrying out development, installation or maintenance works within the Site	■ Low	

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Potential Sources	Pathways	Potential Receptors	Risk of Potentially Complete Pollutant Linkage	Comment
Uncontrolled fill within potential onsite burials	■ Dermal contact and / or incidental ingestion with contaminated soils.	■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site	■ Low / Moderate	■ During test pitting works, fill materials were identified to be generally consistent across the Site and extending to a maximum depth of 0. 2 m bgl. The area around the former married quarters was the exception to this rule, where shallow fill materials containing minor anthropogenic inclusions were identified at depths to 0.3m. ■ During investigation works, fill materials containing anthropogenic inclusions were limited to the area of the former married quarters. ERM note that while no signs of asbestos were identified within fill materials during test pitting works, past reports indicate there is potential for ACM to be present in the fill within this area. ■ ERM notes that during future construction works, an Asbestos Management Plan (AMP) should be implemented to manage the fill materials identified as likely to contain asbestos within the former married quarters area.
	■ Inhalation of contaminated dust.	■ Current and future site users ■ Workers doing works involving movement / handling etc. of materials	■ Low / Moderate	
	■ Transport of contamination through surface water flows.	■ Adjacent sensitive ecological receptors. ■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site.	■ Low	
	■ Transport of contamination to underlying groundwater aquifers	■ Adjacent sensitive ecological receptors. ■ Future potential on-site / offsite users of groundwater	■ Low	
	■ Transport of contaminants through mechanical transport	■ Workers carrying out development, installation or maintenance works within the Site	■ Low	
Potential Onsite Weed and Pesticide Spraying	■ Dermal contact and / or incidental ingestion with contaminated soils.	■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site	■ Low	■ No immediate evidence of spraying (dead / dying vegetation) was noted during the Site inspection and as such ERM performed a grid based sampling approach to assess the potential for herbicides and pesticides to be present within the Site.
	■ Inhalation of contaminated dust.	■ Current and future site users ■ Workers doing works involving movement / handling etc. of materials during excavation works	■ Low	

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Potential Sources	Pathways	Potential Receptors	Risk of Potentially Complete Pollutant Linkage	Comment
	■ Transport of contamination through surface water flows.	■ Adjacent sensitive ecological receptors. ■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site.	■ Low	■ Laboratory analysis of collected samples returned concentrations of COPCs associated with herbicides less than the LOR. Minor detections of pesticides above the LOR were reported in two adjacent surface soil locations within the area associated with the former married quarters, immediately north of the main access road. Minor detections of Diethyl-phthalates, concentrated in the centre of site, are potentially associated with historic application of insecticides associated with rural land-use. ■ ERM considers there to be a low risk of harm to current and future on-site / off-site receptors from potential contamination associated with onsite weed spraying activities.
	■ Transport of contamination to underlying groundwater aquifers	■ Adjacent sensitive ecological receptors. ■ Future potential on-site / offsite users of groundwater	■ Low	
	■ Transport of contaminants through mechanical transport	■ Workers carrying out development, installation or maintenance works within the Site.	■ Low	
Asbestos Conduits	■ Dermal contact and / or incidental ingestion with contaminated soils.	■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site	■ Moderate	■ Previous investigations identified the potential for ACM to be present within onsite service pits / conduits. ■ ERM notes that during future construction works, an Asbestos Management Plan (AMP) should be implemented to manage the fill materials identified as likely to contain asbestos within the former married quarters area and any isolated occurrences of fill on the Site.
	■ Inhalation of contaminated dust.	■ Current and future site users ■ Workers doing works involving movement / handling etc. of materials	■ Moderate	
	■ Transport of contamination through surface water flows.	■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site.	■ Low	

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Potential Sources	Pathways	Potential Receptors	Risk of Potentially Complete Pollutant Linkage	Comment
	■ Transport of contamination to underlying groundwater aquifers	■ Future potential on-site / offsite users of groundwater	■ Low	
	■ Transport of contaminants through mechanical transport	■ Workers carrying out development, installation or maintenance works within the Site.	■ Moderate	
General Site Area (PFAS)	■ Dermal contact and / or incidental ingestion with contaminated soils.	■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site	■ Low	■ ERM notes that PFAS was identified within sample TP86_0.1. Samples collected from underlying materials were noted to be less than LOR. PFAS was further identified within two surface water sample locations up-gradient from TP86. ERM further notes that PFAS was not identified within soil samples collected from any other location or within collected groundwater samples. As such it is the opinion of ERM that this minor detection of PFAS within surface soils and surface water may indicate minor PFAS migration to the Site from runoff associated with dam overflow from the upgradient sources across the western boundary, but is not indicative of significant / widespread contamination across the Site that requires further assessment.
	■ Inhalation of contaminated dust.	■ Current and future site users ■ Workers doing works involving movement / handling etc. of materials	Low	
	■ Transport of contamination through surface water flows.	■ Adjacent sensitive ecological receptors. ■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site.	Low	
	■ Transport of contamination to underlying groundwater aquifers	■ Adjacent sensitive ecological receptors. ■ Future potential on-site / offsite users of groundwater	Low	

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Potential Sources	Pathways	Potential Receptors	Risk of Potentially Complete Pollutant Linkage	Comment
	■ Transport of contaminants through mechanical transport	■ Workers carrying out development, installation or maintenance works within the Site.	Low	
Potential Offsite Sources of Contamination	■ Dermal contact and / or incidental ingestion with contaminated soils.	■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site	■ Low	■ Analytical results from collected soil and groundwater samples returned concentrations of CoPCs less than LOR and / or the adopted screening values within all collected samples in the majority of cases. Minor exceedances were recorded for heavy metals, in soil, ground and surface water; PFAS in surface water and soils; and Phenathrene in groundwater. ■ Analytical results from collected surface water samples returned concentrations of PFOS in exceedance of the adopted screening value for high conservation value systems and slightly to moderately disturbed ecosystems in three locations, both upstream in the overland surface water flow path running to Moore gully. One soil sample located within Moore gully returned an exceedance of the adopted ecological screening value for PFAS in surface soils at TP86, potentially indicating a minor upstream source of PFAS migrating across the site through surface water flows. Given the planned development of the site into a city centre, these exceedances are unlikely to pose a significant threat to ecological receptors following development of the site.
	■ Inhalation of contaminated dust.	■ Current and future site users ■ Workers doing works involving movement / handling etc. of materials	■ Low	
	■ Transport of contamination through surface water flows.	■ Adjacent sensitive ecological receptors. ■ Current and future site users. ■ Workers carrying out development, installation or maintenance works within the Site.	■ Low	
	■ Transport of contamination to underlying groundwater aquifers	■ Adjacent sensitive ecological receptors. ■ Future potential on-site / offsite users of groundwater	■ Low	
	■ Transport of contaminants through mechanical transport	■ Workers carrying out development, installation or maintenance works within the Site.	■ Low	

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Potential Sources	Pathways	Potential Receptors	Risk of Potentially Complete Pollutant Linkage	Comment
				■ Analytical results collected from soil and groundwater sampling across the site have reported minor hydrocarbon detections below the adopted screening values. Given there were no identified sources of anthropogenic hydrocarbons during sampling and the presence of non-anthropogenic sources of hydrocarbons have been established on-site during previous investigations these results are unlikely to be indicative of significant, widespread anthropogenic contamination on the site. ■ It is the opinion of ERM that due to the consistency of results throughout the Site and as there is no onsite / offsite source of heavy metals, that the minor exceedances are likely representative of natural background conditions and are not indicative of anthropogenic contamination that requires further assessment or management. ■ As such ERM considers there to be a low risk of harm to current and future on-site / off-site receptors from potential contamination associated with potential offsite sources of contamination.

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9. CONCLUSIONS AND RECOMMENDATIONS

Environmental Resources Management Australia Pty Ltd (ERM) was engaged by the Western Parkland City Authority (WPCA or 'the Client') to conduct a Detailed Site Investigation (DSI) of the site identified as the Bradfield development area, located at 215 Badgerys Creek Road, Bringelly NSW (the Site).

ERM undertook a Preliminary Site Investigation (PSI) in June 2021 to refine the understanding surrounding potential contamination associated with recent and historical land use practices undertaken within the Site and surrounding area that may require consideration during future redevelopment works.

Based on information reviewed as part of the PSI, ERM considered there may be a potential risk to human health and / or sensitive ecological receptors associated with a number of current and historical land use practices undertaken within the Site and surrounding area. the completion of a Detailed Site Investigation (DSI) was recommended to further assess the potential for soil and / or groundwater contamination to be present.

This DSI was undertaken in general accordance with the Site Auditor approved ERM (2021) Sampling and Analysis Quality Plan (SAQP) which was developed to describe the required Data Quality Objectives (DQOs) and field investigation methods for undertaking this DSI.

The overall objective of the DSI was to assess the potential existence and distribution / extent of contamination in soil, sediments, surface water, and groundwater and to identify potential remediation / site management requirements to facilitate the subsequent redevelopment works at the Site.

Results of the DSI indicated the following:

- Fill materials were observed to extend to a maximum depth of 0.4 metres below ground level (m bgl). During investigation works, evidence of staining / odours or anthropogenic inclusions such as bricks, rubble, potential Asbestos Containing Material (ACM) etc. was not noted within the majority of fill materials, with the exception of those located in the area around the former married quarters, and an isolated observation of bitumen within topsoil recorded at TP92 in the centre of site immediately north of the overland flow path running through Moore Gully. Based on the consistent depth of fill and the identified nature and extent of fill material within the site it is considered that there is a low risk of significant burials of uncontrolled fill materials within the Site, with the exception of the aforementioned married quarters area;
- Natural materials were generally encountered at surface or at depths ranging between 0.1 and 0.4 m bgl in locations with identified overlying fill. Natural materials were generally comprised of brown and red clays with occasional grey / orange inclusions, varying in stiffness and plasticity to a depth of approximately 2.5 m bgl overlying fine-grained interbedded shale and sandstone bedrock with clay bands to the maximum depth of investigation works. During investigation works, no evidence of anthropogenic staining or odour was identified within natural materials;
- Analytical results of collected soil samples returned concentrations of Contaminants of Potential Concern (CoPCs) less than the laboratory Limit of Reporting (LOR) and / or the adopted screening values within all collected samples with the exception of some heavy metals (copper, nickel and zinc) and one exceedance of the adopted site ecological screening value for PFAS (Sum of Perfluorohexane sulfonate (PFHxS) and perfluorooctane sulfonate (PFOS)). Due to the consistency of results throughout the Site and as there is no identified significant onsite / offsite source of heavy metals, it is the opinion of ERM that the minor detections of heavy metals within soils are likely representative of natural background conditions are not indicative of anthropogenic contamination that requires further assessment:

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- ERM notes that PFAS (Sum of PFHxS and PFOS) was identified within surface materials in sample TP86_0.1 at 6.8 µk/kg, in exceedance of the adopted ecological screening values for direct exposure (mammalian diet) (4.6 µg/kg) and bird protection (0.2 µg/kg). The Sample collected from underlying materials within TP86 were noted to return a result less than the laboratory LOR. ERM further notes that PFAS was not identified within groundwater, sediment or soil samples collected from any other location. Exceedances of the adopted ecological screening value for PFOS were reported in three surface water sampling locations and one minor PFAS (Perfluoropentanoic acid (PPeA) and Perfluorohexanoic acid (PFHxS)) detection was reported in an additional surface water location. Two of which occurred within the Moore Gully area, with one location (SW10) located down gradient from TP86 and the other location (SW9) located up-gradient. While there are no identified PFHxS or PFOS sources located within the area it is possible trace levels of PFHxS or PFOS may be migrating from up-gradient sources into the site in surface waters, noting that PFAS is widespread at low levels in urban environments. The remaining surface water location reporting an exceedance of the adopted screening value for sum of PFHxS and PFOS was located on the very eastern boundary, down-gradient from the rest of the site and located on flat land that slopes up to the north towards the vacant areas of site to the north-west and urban-residential properties to the north-east, hence while no identified PFHxS / PFOS sources are present this area likely receives extensive surface water run-off from numerous sources including trace migration of these analytes from up-gradient sources. It is the opinion of ERM that these reported exceedances of total PFHxS and PFOS within surface soils and PFOS within surface water is not indicative of significant / widespread contamination that requires further assessment, and given the proposed development of the site into a city centre, the eventual stripping of surface materials during development and the reported exceedances of the adopted ecological screening value are not considered likely to pose a significant threat following site development;
- Minor detections of TRH were reported in 48 test pit locations across the site. Given the absence of evidence for anthropogenic contamination such as staining, odours, elevated PID readings across these locations and the consistency of results with minor TRH detections reported in soils as part of the First building DSI investigation, ERM does not consider these results indicative of significant anthropogenic contamination. Elevated TRH detections reported at one location, TP167, were submitted to the lab for silica-gel analysis, which returned no detections for anthropogenic TRHs; and
- No potential ACM was identified within fill materials during intrusive investigations within the area of the former married quarters. Given, however, ACM was identified in these areas in past investigations, the potential for ACM to be present in fill within this area remains.

- Sediment samples collected during investigation works from onsite drainage lines / overland flow paths were noted to be comprised of fine grained silty clays. During investigation works, no evidence of anthropogenic contamination such as odours / staining were noted within the sediments collected. Laboratory analysis of collected sediment samples returned concentrations of CoPCs less than the laboratory LOR and / or the adopted screening values indicating that there is a low risk of CoPCs in site sediments migrating via surface water flows throughout the Site or off-site;
- Analysis of surface water samples returned exceedances of the adopted screening values for various heavy metals including copper (all locations), Zinc (SW1, SW3 – SW10), Nickel (SW6, SW10) and Lead (SW4), and PFOS (SW2, SW9, SW10). Given the consistent detection of heavy metals in surface water as well as in soil and groundwater across the site and the absence of a likely source, ERM consider these are likely representative of natural background concentrations and not indicative of anthropogenic contamination:

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- Exceedances of the adopted screening values for PFOS were reported in 3 locations. Given two of these exceedances occurred within the Moore Gully area, in which a surface soil reported an exceedance of the ecological screening value for sum PFOS and PFHxS, ERM consider there may be the potential for minor PFOS migration to be occurring to the site from up-gradient sources. Given the proposed development of the site into a city centre, the reported exceedances of the adopted ecological screening value are considered unlikely to pose a significant threat to future site receptors.

- Groundwater was identified within the Site at depths ranging from 55.278 m AHD (MW11) to 74.537 m AHD (MW08). During groundwater sampling works, no indication of sheen, odours or other visual / olfactory indicators of contamination were noted;
- Analytical results of collected groundwater samples returned concentrations of CoPCs less than LOR and / or the adopted screening values within all collected samples with the exception of minor exceedances of the ANZG freshwater screening values for heavy metals and phenanthrene. It is considered that based on identified heavy metals detected within soils and site conditions observed during completion of this DSI, that the identified slightly elevated heavy metals concentrations within the analysed groundwater samples are likely representative of natural background conditions are not indicative of significant anthropogenic contamination that requires further assessment:
  - Minor detections of PAHs were reported in well MW01 in addition to the exceedance of phenanthrene reported at MW05. It is noted that while the recommended 99% species protection value has been applied for Phenanthrene as per the advice included in the ANZG, the reported detection is under the default guideline value for 95% species protection. Given this, and the proposed future land use of the site as a commercial hub, the reported marginal exceedance of the ANZG guidelines for phenanthrene in well MW05 is not considered to pose a significant threat to future ecological receptors on the site due to the isolated nature of the exceedance and likely limited number of ecological receptors present following redevelopment works; and
  - ERM notes that minor TRH concentrations above the LOR were identified within MW01 and MW06. As no evidence of anthropogenic hydrocarbon contamination was identified during drilling and / or groundwater gauging works ERM does not consider these results indicative of widespread or significant anthropogenic contamination, or as a potential risk to future site receptors.

Based on field observations made during site investigations works, results of collected soil, groundwater, surface water and sediment samples and in consideration of the updated CSM presented within Section 8, it is the opinion of ERM that the site is suitable for the proposed development.

ERM recommends that prior to the commencement of construction works an Asbestos Management Plan (AMP) should be implemented. The purpose of the AMP will be to manage the fill materials within the former married quarters area previously identified as containing ACM and also the potential for asbestos containing conduits to be encountered during earth works.

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APPENDIX A FIGURES

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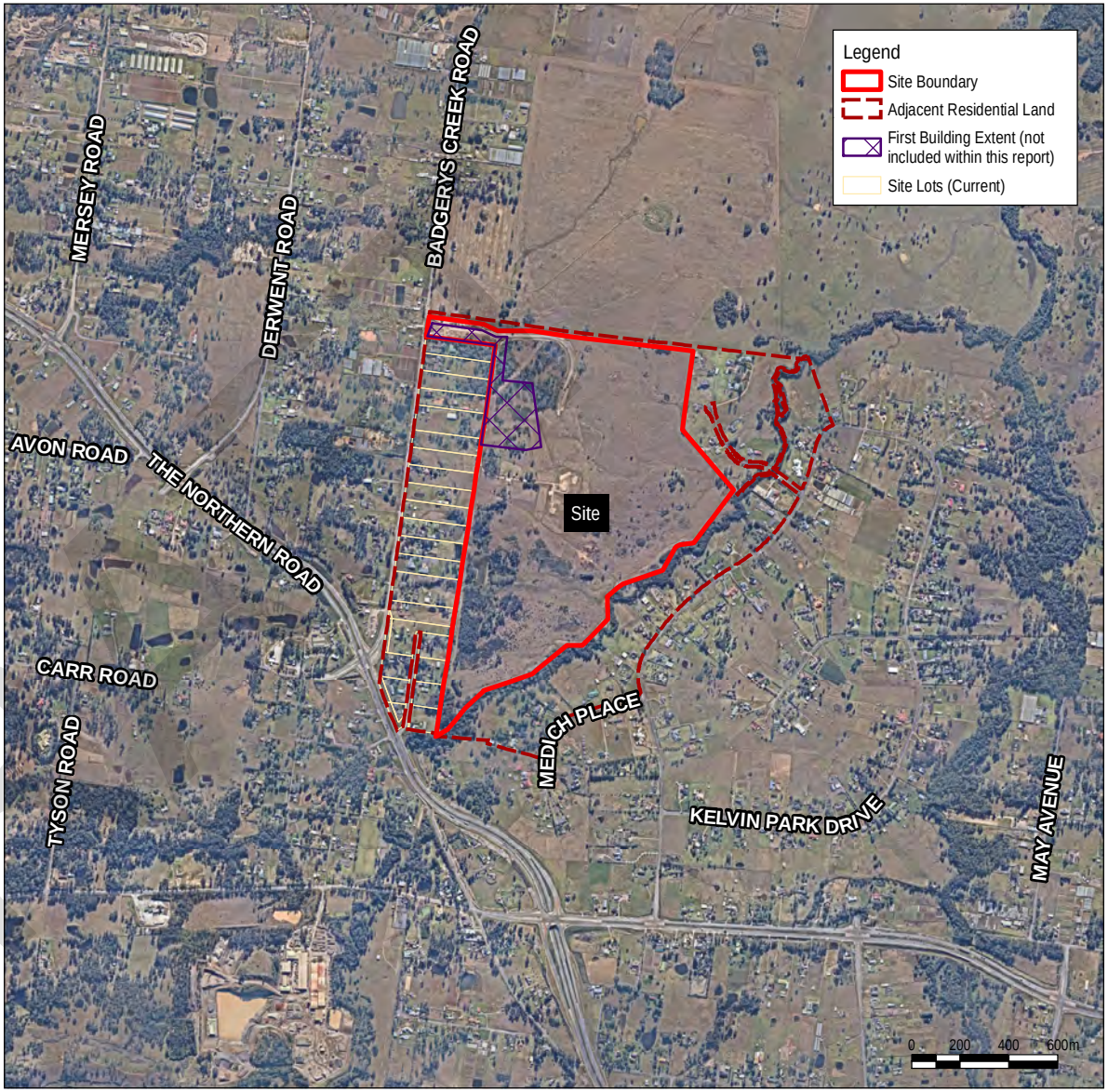


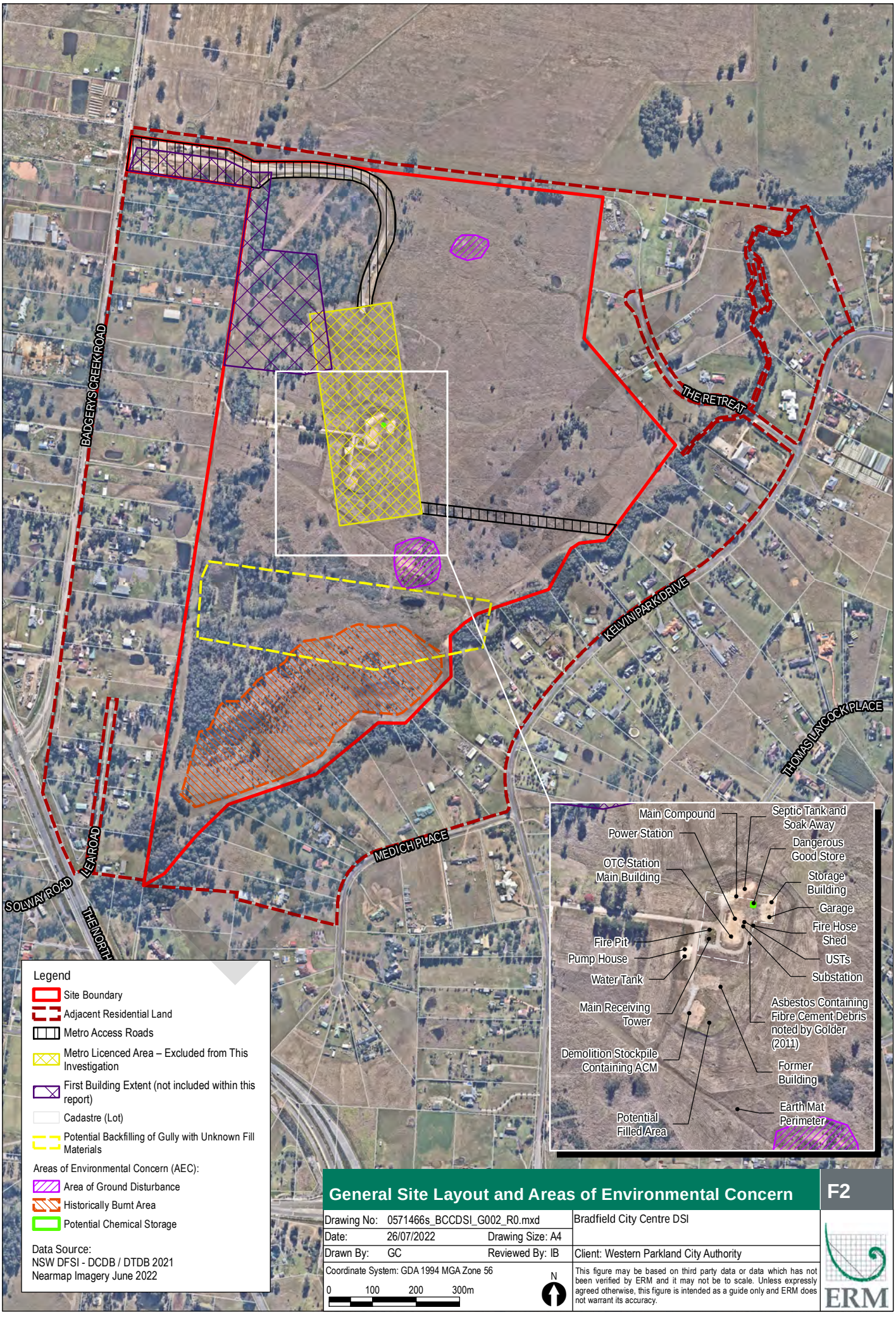
Data Source:
NSW DFSI - DCDB / DTDB 2021
Nearmap Imagery June 2022
Esri OpenStreetMap 2022

Site Location

F1

Drawing No:	0571466s_BCCDSI_G001_R0.mxd		Bradfield City Centre DSI
Date:	26/07/2022	Drawing Size: A4	
Drawn By:	GC	Reviewed By: IB	Client: Western Parkland City Authority
Coordinate System: GDA 1994 MGA Zone 56		N	This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.

ERM



General Site Layout and Areas of Environmental Concern

F2

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Coordinate System: GDA 1994 MGA Zone 56

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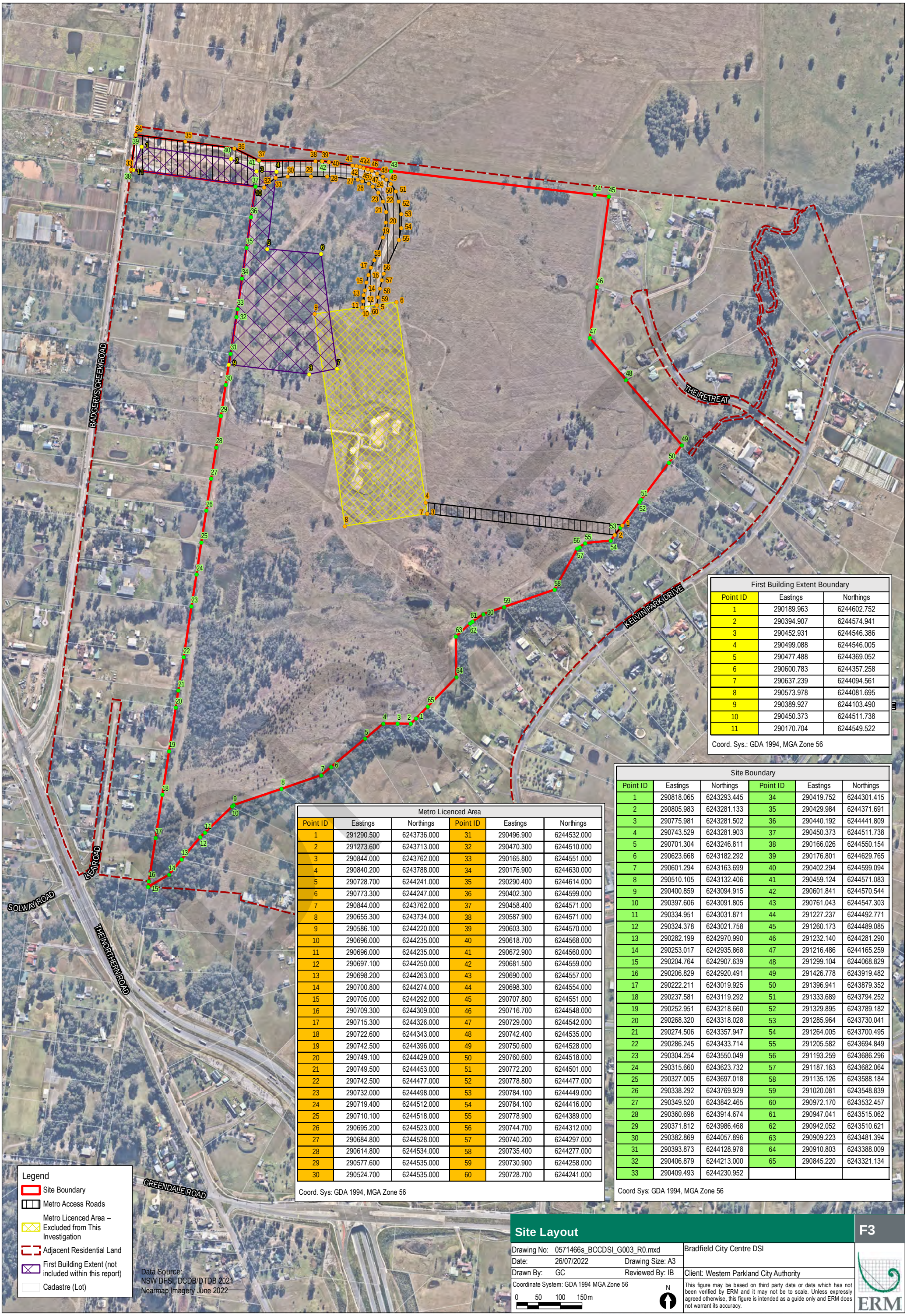
N

This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.

ERM



First Building Extent Boundary		
Point ID	Eastings	Northings
1	290189.963	6244602.752
2	290394.907	6244574.941
3	290452.931	6244546.386
4	290499.088	6244546.005
5	290477.488	6244369.052
6	290600.783	6244357.258
7	290637.239	6244094.561
8	290573.978	6244081.695
9	290389.927	6244103.490
10	290450.373	6244511.738
11	290170.704	6244549.522

Coord. Sys.: GDA 1994, MGA Zone 56

Metro Licenced Area					
Point ID	Eastings	Northings	Point ID	Eastings	Northings
1	291290.500	6243736.000	31	290496.900	6244532.000
2	291273.600	6243713.000	32	290470.300	6244510.000
3	290844.000	6243762.000	33	290165.800	6244551.000
4	290840.200	6243788.000	34	290176.900	6244630.000
5	290728.700	6244241.000	35	290290.400	6244614.000
6	290773.300	6244247.000	36	290402.300	6244599.000
7	290844.000	6243762.000	37	290458.400	6244571.000
8	290655.300	6243734.000	38	290587.900	6244571.000
9	290586.100	6244220.000	39	290603.300	6244570.000
10	290696.000	6244235.000	40	290618.700	6244568.000
11	290696.000	6244235.000	41	290672.900	6244560.000
12	290697.100	6244250.000	42	290681.500	6244559.000
13	290698.200	6244263.000	43	290690.000	6244557.000
14	290700.800	6244274.000	44	290698.300	6244554.000
15	290705.000	6244292.000	45	290707.800	6244551.000
16	290709.300	6244309.000	46	290716.700	6244548.000
17	290715.300	6244326.000	47	290729.000	6244542.000
18	290722.600	6244343.000	48	290742.400	6244535.000
19	290742.500	6244396.000	49	290750.600	6244528.000
20	290749.100	6244429.000	50	290760.600	6244518.000
21	290749.500	6244453.000	51	290772.200	6244501.000
22	290742.500	6244477.000	52	290778.800	6244477.000
23	290732.000	6244498.000	53	290784.100	6244449.000
24	290719.400	6244512.000	54	290784.100	6244416.000
25	290710.100	6244518.000	55	290778.900	6244389.000
26	290695.200	6244523.000	56	290744.700	6244312.000
27	290684.800	6244528.000	57	290740.200	6244297.000
28	290614.800	6244534.000	58	290735.400	6244277.000
29	290577.600	6244535.000	59	290730.900	6244258.000
30	290524.700	6244535.000	60	290728.700	6244241.000

Coord. Sys: GDA 1994, MGA Zone 56

Site Boundary					
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1	290818.065	6243293.445	34	290419.752	6244301.415
2	290805.983	6243281.133	35	290429.984	6244371.691
3	290775.981	6243281.502	36	290440.192	6244441.809
4	290743.529	6243281.903	37	290450.373	6244511.738
5	290701.304	6243246.811	38	290166.026	6244550.154
6	290623.668	6243182.292	39	290176.801	6244629.765
7	290601.294	6243163.699	40	290402.294	6244599.094
8	290510.105	6243132.406	41	290459.124	6244571.083
9	290400.859	6243094.915	42	290601.841	6244570.544
10	290397.606	6243091.805	43	290761.043	6244547.303
11	290334.951	6243031.871	44	291227.237	6244492.771
12	290324.378	6243021.758	45	291260.173	6244489.085
13	290282.199	6242970.990	46	291232.140	6244281.290
14	290253.017	6242935.868	47	291216.486	6244165.259
15	290204.764	6242907.639	48	291299.104	6244068.829
16	290206.829	6242920.491	49	291426.778	6243919.482
17	290222.211	6243019.925	50	291396.941	6243879.352
18	290237.581	6243119.292	51	291333.689	6243794.252
19	290252.951	6243218.660	52	291329.895	6243789.182
20	290268.320	6243318.028	53	291285.964	6243730.041
21	290274.506	6243357.947	54	291264.005	6243700.495
22	290286.245	6243433.714	55	291205.582	6243694.849
23	290304.254	6243550.049	56	291193.259	6243686.296
24	290315.660	6243623.732	57	291187.163	6243682.064
25	290327.005	6243697.018	58	291135.126	6243588.184
26	290338.292	6243769.929	59	291020.081	6243548.839
27	290349.520	6243842.465	60	290972.170	6243532.457
28	290360.698	6243914.674	61	290947.041	6243515.062
29	290371.812	6243986.468	62	290942.052	6243510.621
30	290382.869	6244057.896	63	290909.223	6243481.394
31	290393.873	6244128.978	64	290910.803	6243388.009
32	290406.879	6244213.000	65	290845.220	6243321.134
33	290409.493	6244230.952			

Coord Sys: GDA 1994, MGA Zone 56

Site Layout

F3

Drawing No:	0571466s_BCCDSI_G003_R0.mxd		Bradfield City Centre DSI
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Drawn By:	GC	Reviewed By: IB	Client: Western Parkland City Authority

Coordinate System: GDA 1994 MGA Zone 56

0 50 100 150 m

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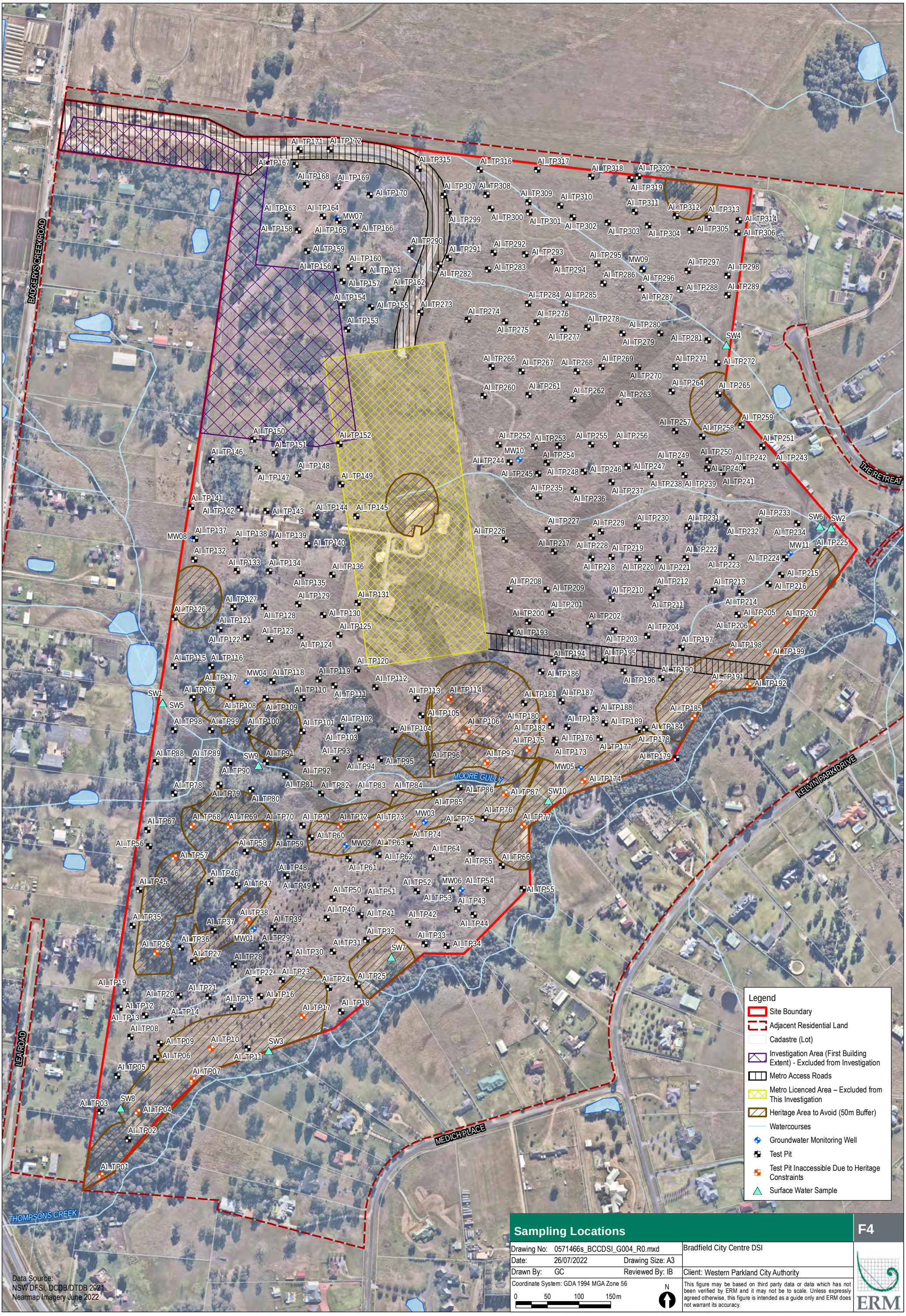
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.

ERM


BADGERYS CREEK ROAD
THE RETREAT
KELVIN PARK DRIVE
MEDICH PLACE
LEA ROAD
THOMPSONS CREEK
MOORE GULLY
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AI_TP225
AI_TP226
AI_TP227
AI_TP228
AI_TP229
AI_TP230
AI_TP231
AI_TP232
AI_TP233
AI_TP234
AI_TP235
AI_TP236
AI_TP237
AI_TP238
AI_TP239
AI_TP240
AI_TP241
AI_TP242
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AI_TP247
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AI_TP302
AI_TP303
AI_TP304
AI_TP305
AI_TP306
AI_TP307
AI_TP308
AI_TP309
AI_TP310
AI_TP311
AI_TP312
AI_TP313
AI_TP314
AI_TP315
AI_TP316
AI_TP317
AI_TP318
AI_TP319
AI_TP320
MW01
MW02
MW03
MW04
MW05
MW06
MW07
MW08
MW09
MW10
MW11
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW9
SW10
Legend
Site Boundary
Adjacent Residential Land
Cadastre (Lot)
Investigation Area (First Building Extent) - Excluded from Investigation
Metro Access Roads
Metro Licenced Area – Excluded from This Investigation
Heritage Area to Avoid (50m Buffer)
Watercourses
Groundwater Monitoring Well
Test Pit
Test Pit Inaccessible Due to Heritage Constraints
Surface Water Sample
Data Source:
NSW DFSI, DCDB/DTDB 2021
Nearmap Imagery June 2022
Sampling Locations
F4
Drawing No: 0571466s_BCCDSI_G004_R0.mxd
Date: 26/07/2022
Drawing Size: A3
Drawn By: GC
Reviewed By: IB
Coordinate System: GDA 1994 MGA Zone 56
0 50 100 150m
N
Bradfield City Centre DSI
Client: Western Parkland City Authority
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.
ERM

AI_TP170	Depth (m)	Zn
	0.1	70

AI_TP303	Depth (m)	Zn
	0.3	72

AI_TP158	Depth (m)	Zn
	0.3	75

AI_TP263	Depth (m)	Zn
	0.3	85

AI_TP264	Depth (m)	Zn
	0.1	76

AI_TP255	Depth (m)	Zn
	0.3	72

AI_TP228	Depth (m)	Cu	Ni	Zn
	0.1	-	-	86
	0.3	100	-	160

AI_TP143	Depth (m)	Zn
	0.1	71

AI_TP227	Depth (m)	Zn
	0.3	92

AI_TP133	Depth (m)	Zn
	0.3	78

AI_TP201	Depth (m)	Zn
	0.3	75

AI_TP123	Depth (m)	Ni	Zn
	0.1	57	170

AI_TP104	Depth (m)	Zn
	0.3	70

AI_TP109	Depth (m)	Zn
	0.3	86

AI_TP117	Depth (m)	Zn
	0.1	96
	0.2	96

AI_TP108	Depth (m)	Ni	Zn
	0.1	30	73

AI_TP94	Depth (m)	Zn
	Surface	120

AI_TP95	Depth (m)	Zn
	Surface	98

AI_TP86	Depth (m)	Zn	Sum of PFHxS and PFOS
	0.1	-	6.8
	0.4	72	-

AI_TP101	Depth (m)	Ni	Zn
	0.1	61	98
	0.3	43	72

AI_TP21	Depth (m)	Zn
	0.1	71
	0.3	97

Analytes	Heavy Metals		
	Copper	Nickel	Zinc
Units	mg/kg	mg/kg	mg/kg
NEPM (1999) EIL - Urban Residential & Open Space	60	30	70
NEPM (1999) EIL - Commercial/Industrial	85	55	110

Analytes	PFAS
	Sum of PFHxS and PFOS
Units	µg/kg
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)	8.2
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)	4.6
PFAS NEMP 2020 Ecological exposure protective of birds	0.2

Legend

- Site Boundary
- Adjacent Residential Land
- Investigation Area (First Building Extent) - Excluded from Investigation
- Metro Access Roads
- Metro Licenced Area – Excluded from This Investigation
- Heritage Area to Avoid (50m Buffer)
- Watercourses
- Test Pit
- Test Pit Inaccessible Due to Heritage Constraints

Data Source:
NSW DFSI, DCDB/DTDB 2021
Nearmap Imagery June 2022

Exceedances - Soil

F5

Drawing No:	0571466s_BCCDSI_G005_R0.mxd		Bradfield City Centre DSI
Date:	26/07/2022	Drawing Size: A4	
Drawn By:	GC	Reviewed By: IB	Client: Western Parkland City Authority

Coordinate System: GDA 1994 MGA Zone 56

0 50 100 150m

N

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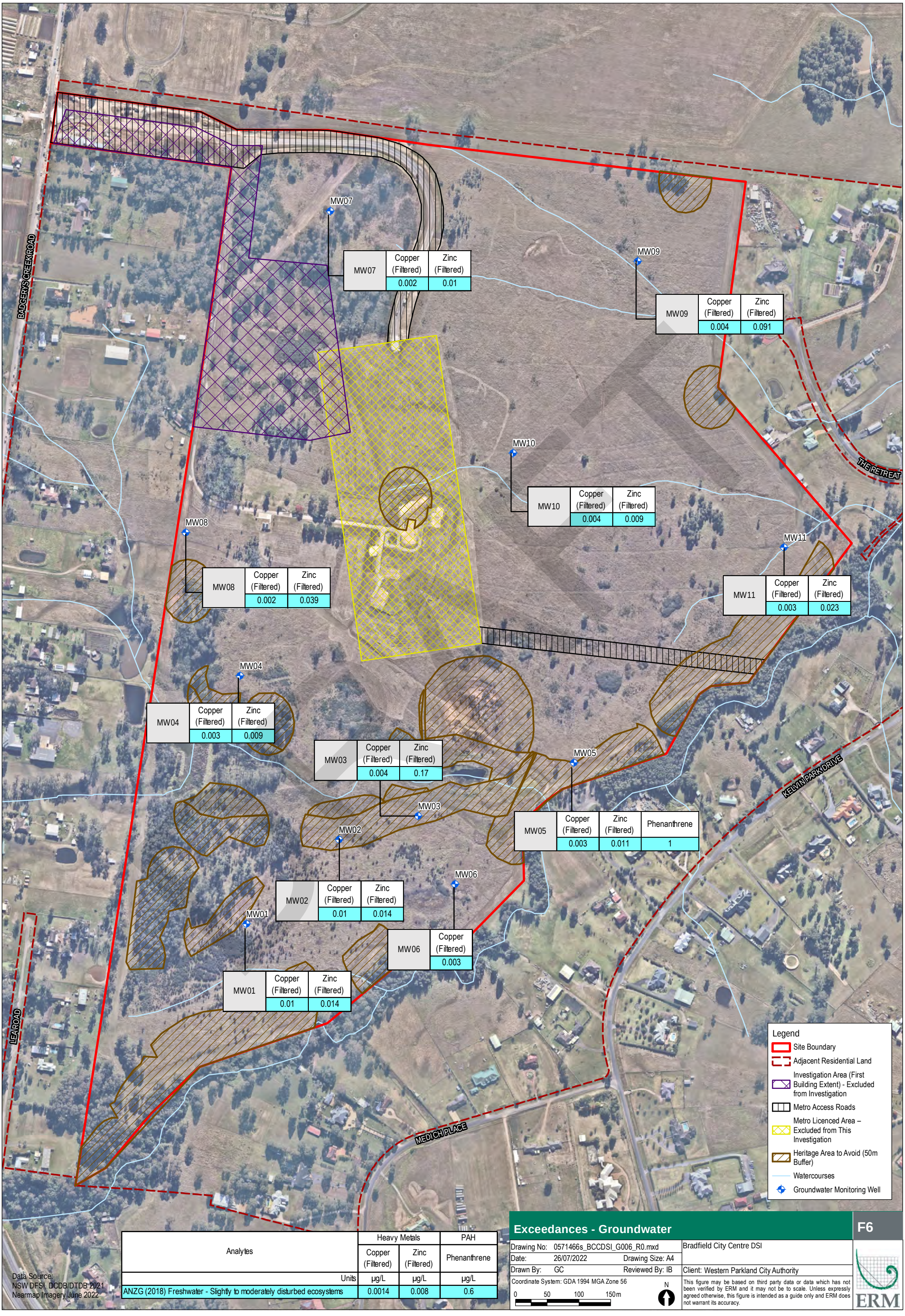
ERM



Analytes	Heavy Metals		PAH
	Copper (Filtered)	Zinc (Filtered)	Phenanthrene
Units	µg/L	µg/L	µg/L
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems	0.0014	0.008	0.6

Data Source:
NSW DFSI, DCDB/DTDB 2021
Nearmap Imagery June 2022

Exceedances - Groundwater

F6

Drawing No:	0571466s_BCCDSI_G006_R0.mxd		Bradfield City Centre DSI
Date:	26/07/2022	Drawing Size: A4	
Drawn By:	GC	Reviewed By: IB	Client: Western Parkland City Authority

Coordinate System: GDA 1994 MGA Zone 56

0 50 100 150m

N

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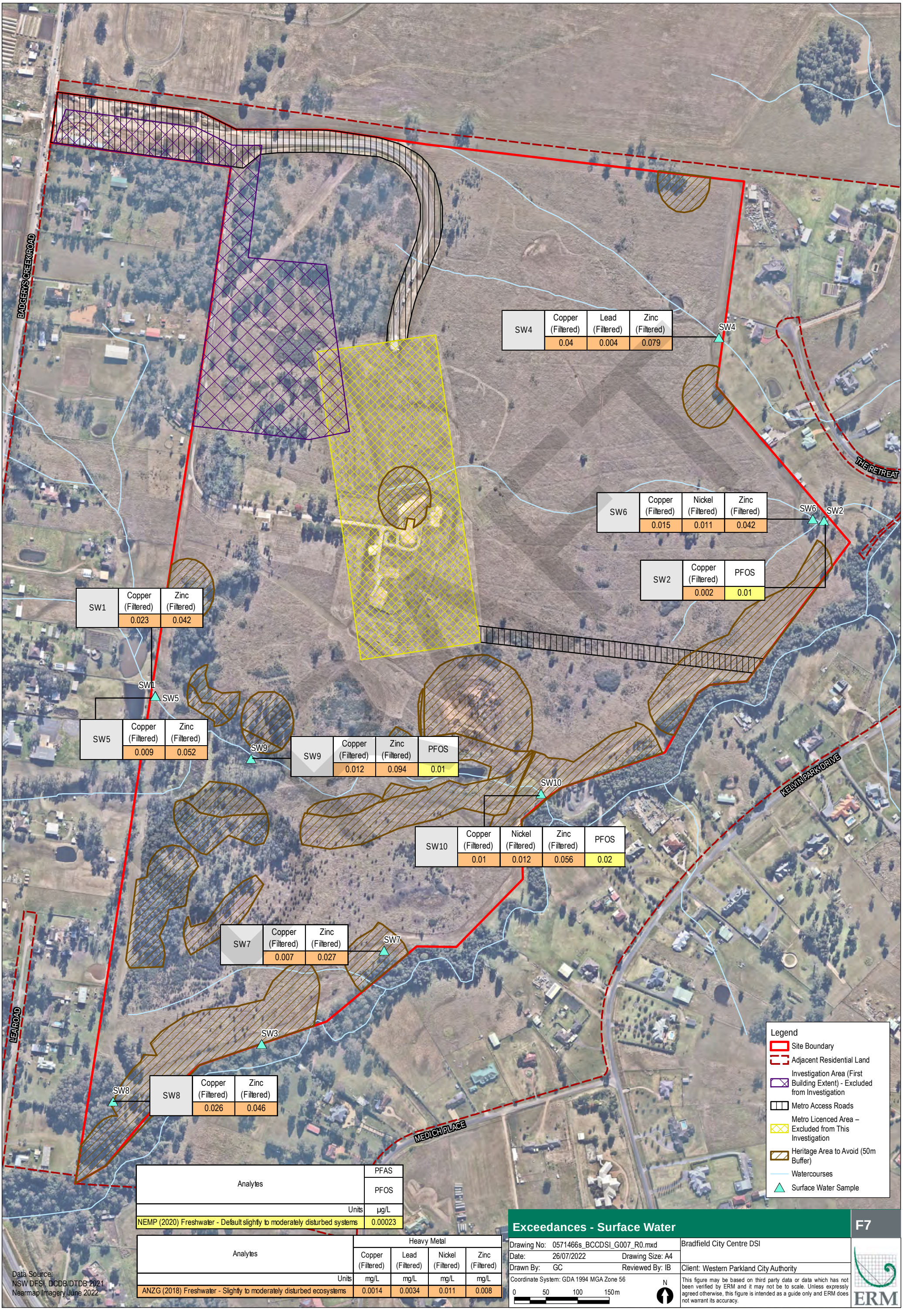
ERM



Analytes	PFAS
	PFOS
Units	µg/L
NEMP (2020) Freshwater - Default slightly to moderately disturbed systems	0.00023

Analytes	Heavy Metal			
	Copper (Filtered)	Lead (Filtered)	Nickel (Filtered)	Zinc (Filtered)
Units	mg/L	mg/L	mg/L	mg/L
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems	0.0014	0.0034	0.011	0.008

Data Source:
NSW DFSI, DCDB/DTDB 2021
Nearmap Imagery June 2022

Exceedances - Surface Water

F7

Drawing No: 0571466s_BCCDSI_G007_R0.mxd
Date: 26/07/2022 Drawing Size: A4
Drawn By: GC Reviewed By: IB
Coordinate System: GDA 1994 MGA Zone 56
0 50 100 150m
N

Bradfield City Centre DSI

Client: Western Parkland City Authority

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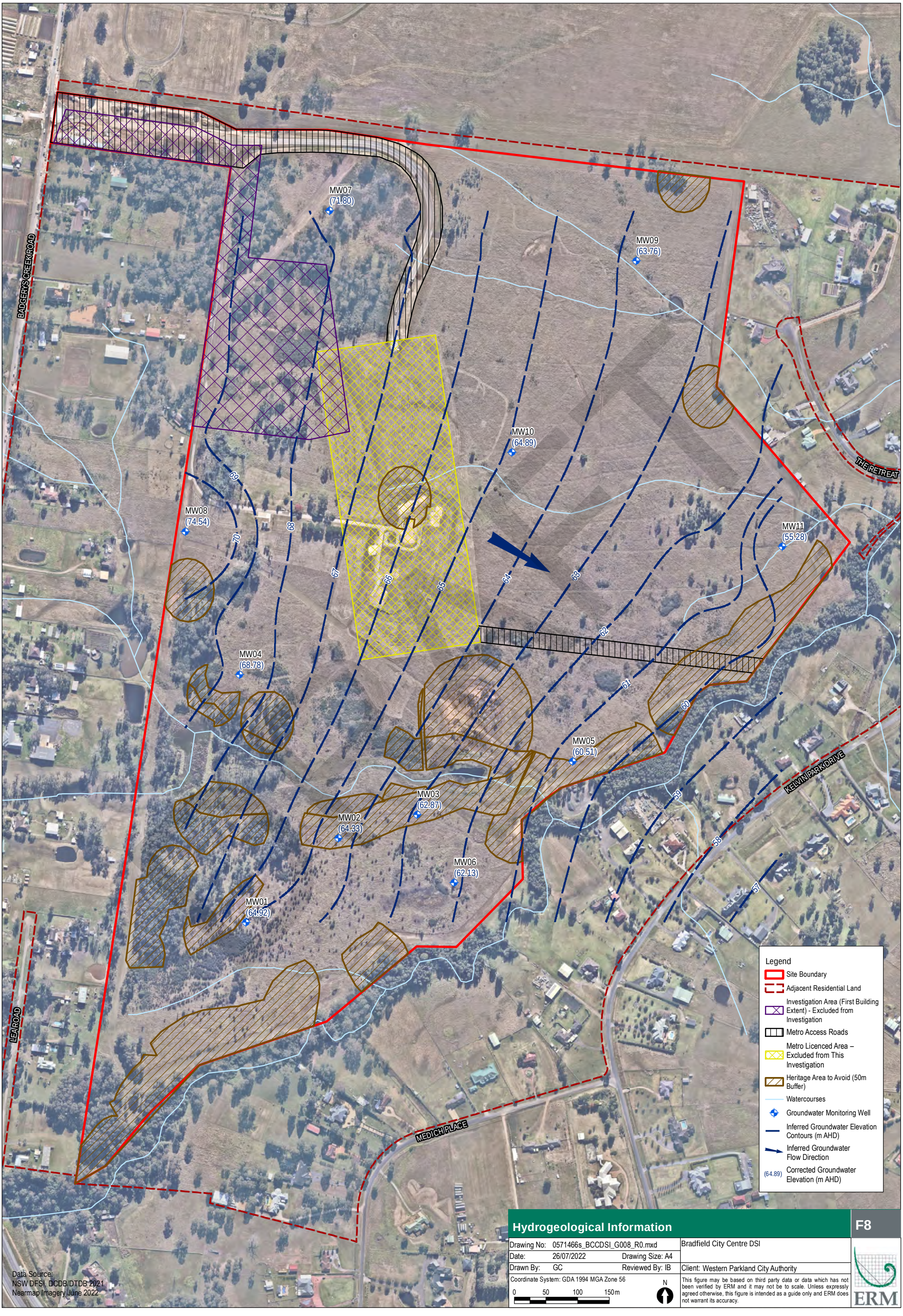
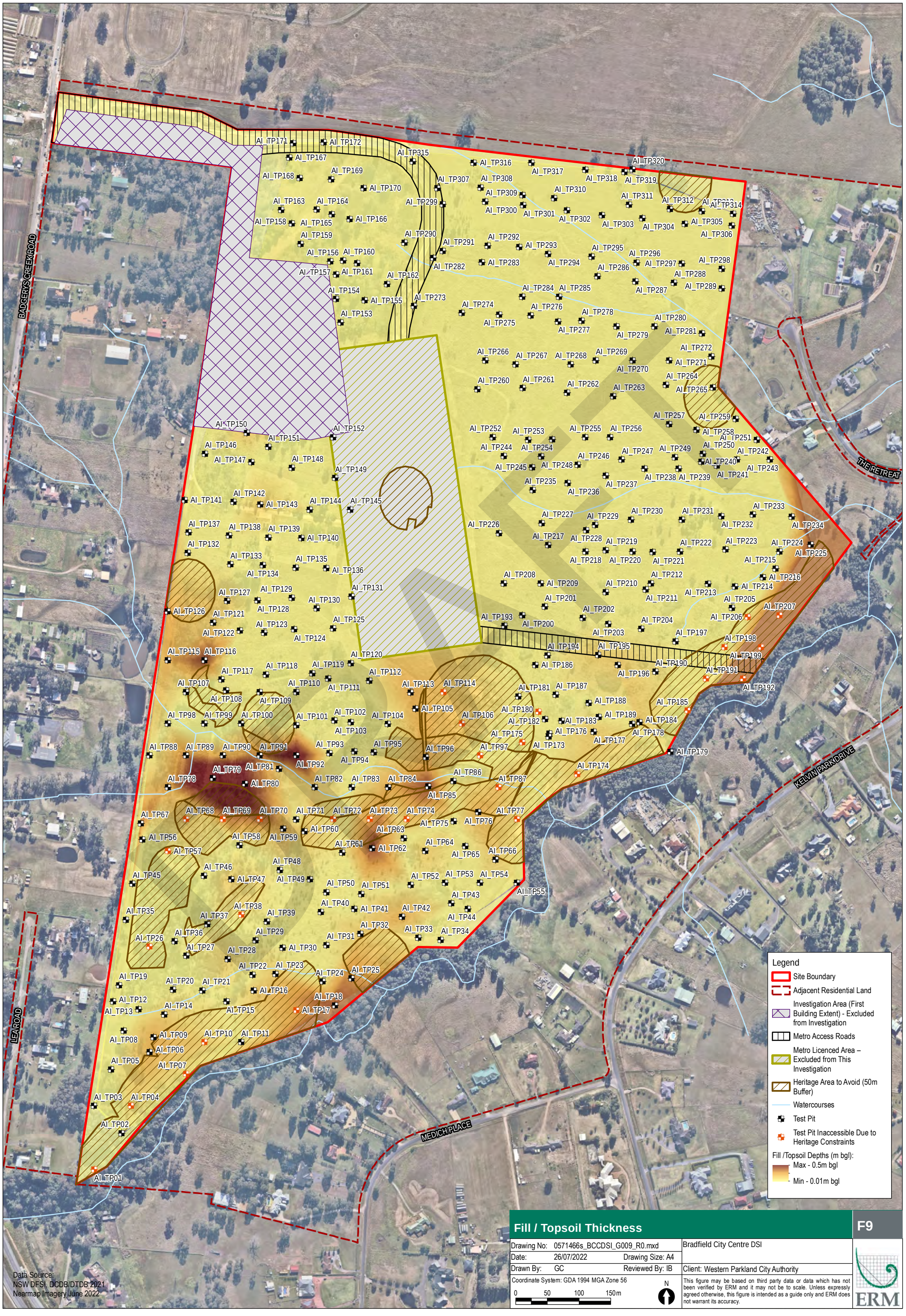
ERM


BADGERYS CREEK ROAD
MW07
(71.80)
MW09
(63.76)
MW10
(64.89)
THE RETREAT
MW08
(74.54)
MW11
(55.28)
MW04
(68.78)
MW05
(60.51)
KELVIN PARK DRIVE
MW03
(62.87)
MW02
(64.33)
MW06
(62.13)
MW01
(64.92)
LEA ROAD
MEDICH PLACE
69
70
68
67
66
65
64
63
62
61
60
59
58
57
Legend
Site Boundary
Adjacent Residential Land
Investigation Area (First Building Extent) - Excluded from Investigation
Metro Access Roads
Metro Licenced Area – Excluded from This Investigation
Heritage Area to Avoid (50m Buffer)
Watercourses
Groundwater Monitoring Well
Inferred Groundwater Elevation Contours (m AHD)
Inferred Groundwater Flow Direction
(64.89) Corrected Groundwater Elevation (m AHD)
Data Source:
NSW DFSI, DCDB/DTDB 2021
Nearmap Imagery June 2022
Hydrogeological Information
F8
Drawing No: 0571466s_BCCDSI_G008_R0.mxd
Bradfield City Centre DSI
Date: 26/07/2022
Drawing Size: A4
Drawn By: GC
Reviewed By: IB
Client: Western Parkland City Authority
Coordinate System: GDA 1994 MGA Zone 56
0 50 100 150m
N
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.
ERM



Fill / Topsoil Thickness

F9

Drawing No:	0571466s_BCCDSI_G009_R0.mxd		Bradfield City Centre DSI
Date:	26/07/2022	Drawing Size: A4	
Drawn By:	GC	Reviewed By: IB	Client: Western Parkland City Authority

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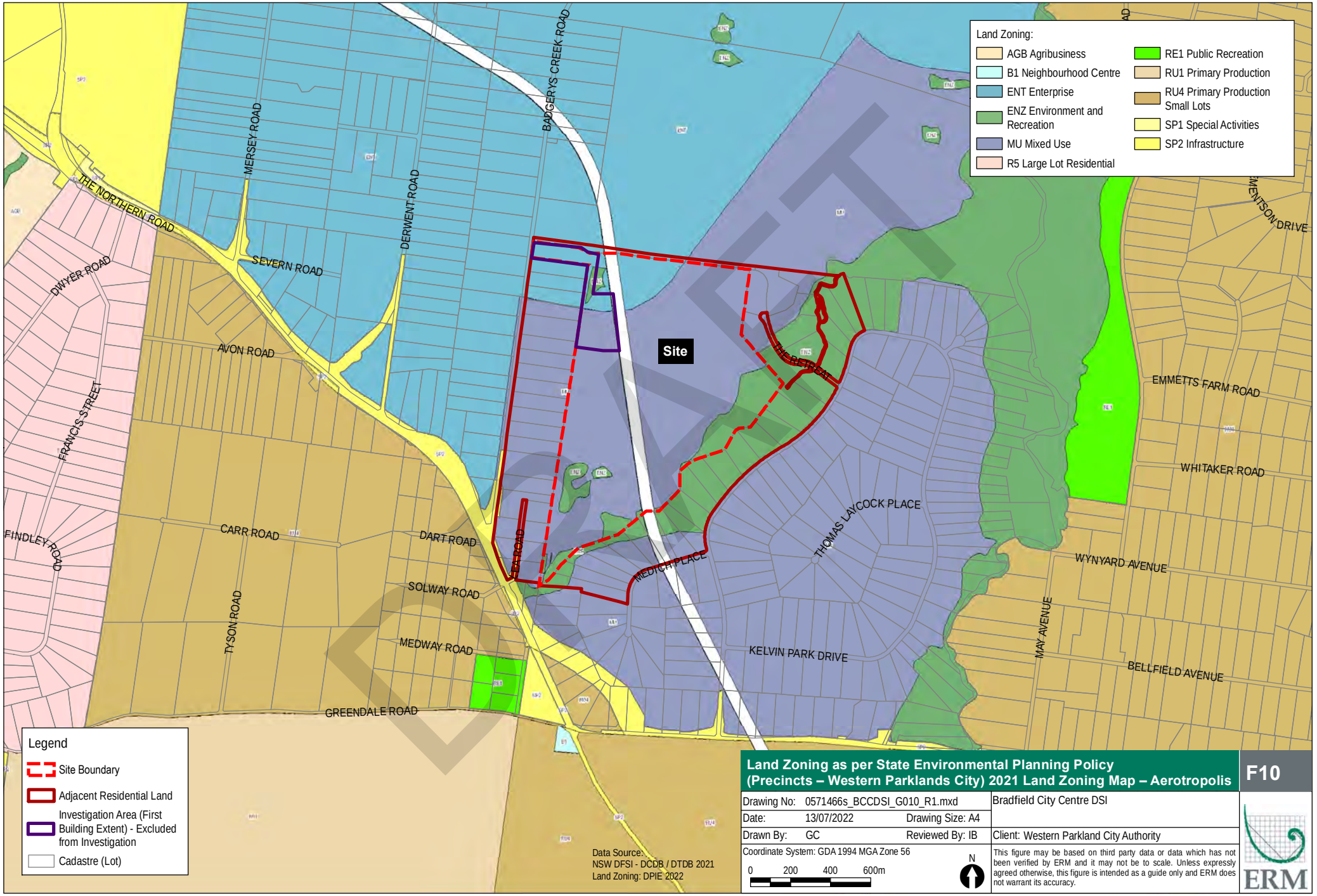
ERM



Land Zoning as per State Environmental Planning Policy (Precincts – Western Parklands City) 2021 Land Zoning Map – Aerotropolis

F10

Drawing No:	0571466s_BCCDSI_G010_R1.mxd		Bradfield City Centre DSI
Date:	13/07/2022	Drawing Size: A4	
Drawn By:	GC	Reviewed By: IB	Client: Western Parkland City Authority

Coordinate System: GDA 1994 MGA Zone 56

This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.

ERM

APPENDIX B TABLES

DRAFT

	Organic													PAH																								TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5														5																0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL														NL																1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL														NL																NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL														NL																NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL														NL																4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL														NL																6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																						
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																						
NEPM (1999) HIL A - Residential (garden)																																	3	300														
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation																																	3	300														
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial																																	40	4000														
NEPM (1999) HSL D Comm/Indust - Asbestos																																																
NEPM (1999) EIL - Urban Residential & Open Space													170														170																						
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																											65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370														370																						
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																											95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																																

Field_ID	LocCode	Sampled_Date-Time																																																
A1_TP128_0.1	A1_TP128	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP128_0.3	A1_TP128	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP129_0.1	A1_TP129	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP129_0.3	A1_TP129	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP130_0.1	A1_TP130	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP130_0.3	A1_TP130	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP131_0.1	A1_TP131	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP131_0.3	A1_TP131	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP153_0.1	A1_TP153	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	55	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP153_0.3	A1_TP153	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP159_0.3	A1_TP159	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP256_0.1	A1_TP256	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP256_0.3	A1_TP256	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP257_0.1	A1_TP257	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP257_0.3	A1_TP257	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP258_0.1	A1_TP258	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP258_0.3	A1_TP258	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP259_0.1	A1_TP259	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	55	68	123	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP259_0.3	A1_TP259	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP260_0.1	A1_TP260	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP260_0.3	A1_TP260	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP262_0.1	A1_TP262	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP262_0.3	A1_TP262	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP303_0.1	A1_TP303	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP303_0.3	A1_TP303	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP305_0.1	A1_TP305	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP305_0.3	A1_TP305	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP315_0.1	A1_TP315	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP315_0.3	A1_TP315	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP36_0.1	A1_TP36	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP36_0.3	A1_TP36	16/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP02-0.1	AI_TP02	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP02-0.3	AI_TP02	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP03-0.1	AI_TP03	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP03-0.3	AI_TP03	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP05_0.1	AI_TP05	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP05_0.3	AI_TP05	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP06_0.3	AI_TP06	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP06_0.1	AI_TP06	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP08_0.1	AI_TP08	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3

	Organic													PAH																								TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5																																0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL																																1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL																																NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL																																NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL																																4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL																																6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																						
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																						
NEPM (1999) HIL A - Residential (garden)																																			3	300													
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation																																			3	300													
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial																																			40	4000													
NEPM (1999) HSL D Comm/Indust - Asbestos																																																
NEPM (1999) EIL - Urban Residential & Open Space													170															170																					
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																												65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370															370																					
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																												95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																																

Field_ID	LocCode	Sampled_Date-Time																																																
AI_TP08_0.3	AI_TP08	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP09_0.1	AI_TP09	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP09_0.4	AI_TP09	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP100_0.1	AI_TP100	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	55	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP100_0.3	AI_TP100	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP101_0.1	AI_TP101	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	130	<100	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	61	100	161	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP101_0.3	AI_TP101	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP102_0.3	AI_TP102	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP102_0.1	AI_TP102	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	52	52	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP103_0.3	AI_TP103	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP103_0.1	AI_TP103	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	76	76	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP104_0.3	AI_TP104	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP104_0.1	AI_TP104	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP105_0.1	AI_TP105	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP105_0.4	AI_TP105	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP107_0.1	AI_TP107	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	110	<100	110	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	51	81	132	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP107_0.3	AI_TP107	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP108_0.1	AI_TP108	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP108_0.5	AI_TP108	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP109_0.1	AI_TP109	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP109_0.3	AI_TP109	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP11-0.1	AI_TP11	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP110_0.1	AI_TP110	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	58	58	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP110_0.3	AI_TP110	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP111_0.3	AI_TP111	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP111_0.1	AI_TP111	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	55	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP112_0.3	AI_TP112	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP112_0.1	AI_TP112	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	52	52	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP113_0.3	AI_TP113	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP113_0.1	AI_TP113	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP115_0.1	AI_TP115	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP115_0.3	AI_TP115	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP116_0.1	AI_TP116	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP117_0.1	AI_TP117	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	64	64	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP117_0.2	AI_TP117	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP118_0.1	AI_TP118	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	51	51	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP118_0.2	AI_TP118	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP119_0.3	AI_TP119	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP119_0.1	AI_TP119	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	110	<100	110	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	72	72	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP12_0.1	AI_TP12	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP12_0.3	AI_TP12	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP120_0.3	AI_TP120	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP120_0.1	AI_TP120	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	62	62	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP121_0.3	AI_TP121	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP121_0.1	AI_TP121	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP122_0.3	AI_TP122	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP122_0.1	AI_TP122	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	54	54	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP123_0.3	AI_TP123	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP123_0.1	AI_TP123	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

	Organic													PAH																							TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5																														0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL																														1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL																														NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL																														NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL																														4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL																														6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																					
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																					
NEPM (1999) HIL A - Residential (garden)																																		3	300													
NEPM (1999) HSL A Residential - Asbestos																																															
NEPM (1999) HIL C - Recreation																																		3	300													
NEPM (1999) HSL C Recreation - Asbestos																																															
NEPM (1999) HIL D - Commercial/Industrial																																		40	4000													
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space													170															170																				
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																										65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370															370																				
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																										95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																															

Field_ID	LocCode	Sampled_Date-Time																																																
AI_TP126_0.3	AI_TP126	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP126_0.1	AI_TP126	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP127_0.3	AI_TP127	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	51	<50	51	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP127_0.1	AI_TP127	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	100	<100	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	66	51	117	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP13_0.1	AI_TP13	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP13_0.3	AI_TP13	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP132_0.1	AI_TP132	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP132_0.3	AI_TP132	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	54	55	109	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP133_0.1	AI_TP133	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP133_0.3	AI_TP133	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	61	61	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP134_0.1	AI_TP134	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP134_0.3	AI_TP134	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP135_0.1	AI_TP135	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	55	52	107	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP135_0.3	AI_TP135	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP136_0.1	AI_TP136	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP136_0.3	AI_TP136	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP137_0.1	AI_TP137	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP137_0.3	AI_TP137	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP138_0.1	AI_TP138	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP138_0.3	AI_TP138	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP139_0.1	AI_TP139	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP139_0.3	AI_TP139	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP14_0.1	AI_TP14	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP14_0.4	AI_TP14	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP140_0.1	AI_TP140	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP140_0.3	AI_TP140	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP141_0.1	AI_TP141	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP141_0.3	AI_TP141	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP142_0.3	AI_TP142	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP142_0.1	AI_TP142	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	50	71	121	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP143_0.3	AI_TP143	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP143_0.1	AI_TP143	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	110	<100	110	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	62	86	148	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP144_0.2	AI_TP144	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP144_0.1	AI_TP144	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	100	<100	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	26	72	50	148	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP144_0.2	AI_TP144	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP145_0.3	AI_TP145	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP145_0.1	AI_TP145	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	58	58	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP146_0.3	AI_TP146	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP146_0.1	AI_TP146	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	70	70	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP147_0.3	AI_TP147	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP147_0.1	AI_TP147	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	61	61	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP148_0.3	AI_TP148	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP148_0.1	AI_TP148	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	56	56	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP149_0.3	AI_TP149	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP149_0.1	AI_TP149	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	50	50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP15-0.1	AI_TP15	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP15-0.3	AI_TP15	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP150_0.1	AI_TP150	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP150_0.3	AI_TP150	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0

	Organic													PAH																								TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg

	Organic													PAH																								TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5																														0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL																														1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL																														NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL																														NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL																														4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL																														6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																					
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																					
NEPM (1999) HIL A - Residential (garden)																																		3	300													
NEPM (1999) HSL A Residential - Asbestos																																															
NEPM (1999) HIL C - Recreation																																		3	300													
NEPM (1999) HSL C Recreation - Asbestos																																															
NEPM (1999) HIL D - Commercial/Industrial																																		40	4000													
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space													170															170																				
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																										65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370															370																				
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																										95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																															

Field_ID	LocCode	Sampled_Date-Time																																																
AI_TP19_0.1	AI_TP19	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP19_0.3	AI_TP19	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP193_0.1	AI_TP193	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	210	<100	210	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	120	120	240	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP193_0.3	AI_TP193	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP194_0.1	AI_TP194	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	120	<100	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	63	76	139	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP194_0.3	AI_TP194	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP195_0.1	AI_TP195	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP195_0.3	AI_TP195	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP196_0.1	AI_TP196	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP196_0.3	AI_TP196	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP197_0.1	AI_TP197	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP197_0.4	AI_TP197	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP20_0.1	AI_TP20	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP20_0.4	AI_TP20	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP200_0.1	AI_TP200	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	140	<100	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	83	76	159	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP200_0.3	AI_TP200	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP201_0.1	AI_TP201	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP201_0.3	AI_TP201	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP202_0.1	AI_TP202	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP202_0.3	AI_TP202	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP203_0.1	AI_TP203	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP203_0.3	AI_TP203	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP204_0.1	AI_TP204	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP204_0.3	AI_TP204	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP205_0.1	AI_TP205	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-	<20	<50	<50	<50	-	-	<0.1	<0.2	<0.1	-
AI_TP205_0.3	AI_TP205	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.5	-	1.2	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP208_0.1	AI_TP208	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP208_0.3	AI_TP208	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP209_0.1	AI_TP209	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP209_0.3	AI_TP209	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP21_0.1	AI_TP21	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP21_0.3	AI_TP21	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP210_0.1	AI_TP210	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP210_0.3	AI_TP210	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP211_0.1	AI_TP211	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP211_0.3	AI_TP211	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP212_0.1	AI_TP212	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP212_0.3	AI_TP212	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP213_0.1	AI_TP213	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP213_0.3	AI_TP213	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP214_0.1	AI_TP214	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP214_0.3	AI_TP214	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP215_0.1	AI_TP215	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	100	<100	100	<0.5	-	-	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.5	-	0.6	-	<0.5	<0.5	-	-	-	-	<20	<50	86	86	<0.1	<0.1	<0.1	<0.2	<0.1	-
AI_TP215_0.3	AI_TP215	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.5	-	-	-	-	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	-
AI_TP216_0.1	AI_TP216	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP216_0.4	AI_TP216	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP217_0.1	AI_TP217	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP217_0.3	AI_TP217	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP218_0.1	AI_TP218	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP218_0.3	AI_TP218	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50

	Organic													PAH																						TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5																														0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL																														1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL																														NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL																														NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL																														4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL																														6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																					
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																					
NEPM (1999) HIL A - Residential (garden)																																		3	300													
NEPM (1999) HSL A Residential - Asbestos																																															
NEPM (1999) HIL C - Recreation																																		3	300													
NEPM (1999) HSL C Recreation - Asbestos																																															
NEPM (1999) HIL D - Commercial/Industrial																																		40	4000													
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space													170															170																				
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																										65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370															370																				
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																										95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																															

Field_ID	LocCode	Sampled_Date-Time																																															
AI_TP22_0.3	AI_TP22	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP220_0.1	AI_TP220	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP220_0.3	AI_TP220	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP221_0.1	AI_TP221	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP221_0.3	AI_TP221	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP222_0.1	AI_TP222	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP222_0.3	AI_TP222	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP223_0.1	AI_TP223	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP223_0.3	AI_TP223	2/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP224_0.1	AI_TP224	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	-	-	-	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP224_0.3	AI_TP224	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	-	-	-	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	0.6	1.2	-	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP225_0.1	AI_TP225	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP225_0.4	AI_TP225	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP226_0.1	AI_TP226	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	-	<0.1	-
AI_TP226_0.3	AI_TP226	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	-	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	-
AI_TP227_0.1	AI_TP227	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	-	<0.1	<0.2	<0.1	-
AI_TP227_0.3	AI_TP227	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	0.6	-	-	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	-	<0.1	<0.2	<0.1	-
AI_TP228_0.1	AI_TP228	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	0.6	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP228_0.3	AI_TP228	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	-	-	-	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	-
AI_TP229_0.1	AI_TP229	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	0.6	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	-
AI_TP229_0.3	AI_TP229	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	-	<0.1	-
AI_TP23_0.1	AI_TP23	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP23_0.4	AI_TP23	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP230_0.1	AI_TP230	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP230_0.3	AI_TP230	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	1.2	-	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP231_0.1	AI_TP231	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	-	1.2	-	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	-
AI_TP231_0.3	AI_TP231	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP232_0.1	AI_TP232	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	-	-	-	-	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP232_0.3	AI_TP232	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	0.6	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	-	<0.1	<0.2	<0.1	-
AI_TP233_0.1	AI_TP233	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	-	<0.1	<0.2	<0.1	-
AI_TP233_0.3	AI_TP233	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP234_0.1	AI_TP234	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	-	<0.5	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	1.2	-	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP234_0.3	AI_TP234	3/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	-	-	-	<0.5	0.6	-	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	-	<0.1	<0.1	<0.2	<0.1	-
AI_TP235_0.1	AI_TP235	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP235_0.3	AI_TP235	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP236_0.1	AI_TP236	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP236_0.3	AI_TP236	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP237_0.1	AI_TP237	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP237_0.3	AI_TP237	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP238_0.1	AI_TP238	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP238_0.3	AI_TP238	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP239_0.1	AI_TP239	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP239_0.3	AI_TP239	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP24_0.1	AI_TP24	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP24_0.3	AI_TP24	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP240_0.1	AI_TP240	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP240_0.3	AI_TP240	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP242_0.1	AI_TP242	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP242_0.3	AI_TP242	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP243_0.1	AI_TP243	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP243_0.3	AI_TP243	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP244_0.1	AI_TP244	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.

	Organic													PAH																								TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5																															0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL															NL																	1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL															NL																	NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL															NL																	NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL															NL																	4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL															NL																	6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																						
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																						
NEPM (1999) HIL A - Residential (garden)																																	3	300															
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation																																	3	300															
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial																																	40	4000															
NEPM (1999) HSL D Comm/Indust - Asbestos																																																
NEPM (1999) EIL - Urban Residential & Open Space													170															170																						
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																													65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370															370																						
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																													95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																																

Field_ID	LocCode	Sampled_Date-Time																																																
AI_TP245_0.1	AI_TP245	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP245_0.3	AI_TP245	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP246_0.1	AI_TP246	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	54	54	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP246_0.3	AI_TP246	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP247_0.1	AI_TP247	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP247_0.3	AI_TP247	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP248_0.1	AI_TP248	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP248_0.3	AI_TP248	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP249_0.1	AI_TP249	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP249_0.3	AI_TP249	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP25_0.1	AI_TP25	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP25_0.3	AI_TP25	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP250_0.1	AI_TP250	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP250_0.3	AI_TP250	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP251_0.1	AI_TP251	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP251_0.3	AI_TP251	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP252_0.1	AI_TP252	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP252_0.3	AI_TP252	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP253_0.1	AI_TP253	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP253_0.3	AI_TP253	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP254_0.1	AI_TP254	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP254_0.3	AI_TP254	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	130	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	73	73	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP255_0.1	AI_TP255	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP255_0.3	AI_TP255	1/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP263_0.1	AI_TP263	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP263_0.3	AI_TP263	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP264_0.1	AI_TP264	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP264_0.3	AI_TP264	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP265_0.1	AI_TP265	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP265_0.3	AI_TP265	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP266_0.1	AI_TP266	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP266_0.3	AI_TP266	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP267_0.1	AI_TP267	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP267_0.3	AI_TP267	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP268_0.1	AI_TP268	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	140	<100	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	56	99	155	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP268_0.3	AI_TP268	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP269_0.1	AI_TP269	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP269_0.3	AI_TP269	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP27_0.1	AI_TP27	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP27_0.4	AI_TP27	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP270_0.1	AI_TP270	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP270_0.3	AI_TP270	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP271_0.1	AI_TP271	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP271_0.3	AI_TP271	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP272_0.1	AI_TP272	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP272_0.3	AI_TP272	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP277_0.1	AI_TP277	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP277_0.3	AI_TP277	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP278_0.1	AI_TP278	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.

	Organic													PAH																								TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5														5																0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL														NL																1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL														NL																NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL														NL																NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL														NL																4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL														NL																6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																						
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																						
NEPM (1999) HIL A - Residential (garden)																																3	300																
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation																																3	300																
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial																																40	4000																
NEPM (1999) HSL D Comm/Indust - Asbestos																																																
NEPM (1999) EIL - Urban Residential & Open Space													170														170																						
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																											65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370														370																						
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																											95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																																

Field_ID	LocCode	Sampled_Date-Time																																																
AI_TP28_0.5	AI_TP28	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP280_0.1	AI_TP280	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	50	50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP280_0.3	AI_TP280	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP281_0.1	AI_TP281	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP281_0.3	AI_TP281	29/10/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP29_0.1	AI_TP29	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP29_0.3	AI_TP29	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP30_0.1	AI_TP30	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP30_0.3	AI_TP30	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP31_0.1	AI_TP31	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP31_0.3	AI_TP31	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP32_0.1	AI_TP32	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP32_0.4	AI_TP32	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP33-0.1	AI_TP33	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP34-0.1	AI_TP34	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP35-0.1	AI_TP35	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP35-0.2	AI_TP35	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP36_0.1	AI_TP36	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP36_0.4	AI_TP36	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP36-0.1	AI_TP36	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP36-0.3	AI_TP36	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP37_0.1	AI_TP37	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP37_0.4	AI_TP37	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP39_0.1	AI_TP39	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP39_0.3	AI_TP39	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP40_0.1	AI_TP40	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP40_0.3	AI_TP40	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP41_0.1	AI_TP41	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP41_0.3	AI_TP41	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP42_0.1	AI_TP42	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP42_0.4	AI_TP42	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP43-0.1	AI_TP43	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP43-0.3	AI_TP43	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP45_0.1	AI_TP45	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP45_0.3	AI_TP45	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP46_0.1	AI_TP46	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP46_0.4	AI_TP46	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP47_0.1	AI_TP47	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP47_0.4	AI_TP47	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP48_0.1	AI_TP48	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP48_0.4	AI_TP48	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP49_0.1	AI_TP49	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP49_0.3	AI_TP49	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP50_0.1	AI_TP50	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP50_0.3	AI_TP50	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP51_0.1	AI_TP51	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP51_0.3	AI_TP51	4/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP54-0.1	AI_TP54	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP54-0.3	AI_TP54	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP55-0.1	AI_TP55	9/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2

	Organic													PAH																								TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5														5																0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL														NL																1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL														NL																NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL														NL																NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL														NL																4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL														NL																6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																						
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																						
NEPM (1999) HIL A - Residential (garden)																																3	300																
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation																																3	300																
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial																																40	4000																
NEPM (1999) HSL D Comm/Indust - Asbestos																																																
NEPM (1999) EIL - Urban Residential & Open Space													170														170																						
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																											65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370														370																						
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																											95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																																

Field_ID	LocCode	Sampled_Date-Time																																																
AI_TP58_0.1	AI_TP58	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP58_0.4	AI_TP58	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP59_0.1	AI_TP59	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP59_0.4	AI_TP59	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP60_0.1	AI_TP60	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP60_0.5	AI_TP60	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP61_0.1	AI_TP61	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP61_0.4	AI_TP61	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP62_0.1	AI_TP62	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP62_0.4	AI_TP62	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP66_0.1	AI_TP66	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP66_0.4	AI_TP66	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP67_0.1	AI_TP67	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP67_0.4	AI_TP67	17/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP71_0.1	AI_TP71	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP71_0.4	AI_TP71	20/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP75_0.1	AI_TP75	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP75_0.4	AI_TP75	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP76_0.1	AI_TP76	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP76_0.4	AI_TP76	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP78_0.1	AI_TP78	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP78_0.3	AI_TP78	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP79_0.4	AI_TP79	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP80_0.4	AI_TP80	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP81_0.1	AI_TP81	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP81_0.4	AI_TP81	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP82_0.1	AI_TP82	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP82_0.3	AI_TP82	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP83_0.1	AI_TP83	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP83_0.3	AI_TP83	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	57	57	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP84_0.1	AI_TP84	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	100	<100	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	52	75	127	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP84_0.3	AI_TP84	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP85_0.3	AI_TP85	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP86_0.1	AI_TP86	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP86_0.4	AI_TP86	21/12/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP88_0.1	AI_TP88	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP88_0.3	AI_TP88	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP89_0.1	AI_TP89	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP89_0.3	AI_TP89	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP90_0.1	AI_TP90	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	180	<100	180	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	94	120	214	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP90_0.3	AI_TP90	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP91_0.1	AI_TP91	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP91_0.3	AI_TP91	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP92_0.3	AI_TP92	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	160	120	280	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	65	120	185	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP92_0.5	AI_TP92	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP93_0.3	AI_TP93	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP93_0.1	AI_TP93	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP94_0.3	AI_TP94	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP94_0.1	AI_TP94	8/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

	Organic													PAH																										TPH								Volatile					
	>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	100	50	100	100	20	20	20	50	50	100	100	100	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	100	20	50	50	50	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m							50		280				5														5																		0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m							90		NL				NL														NL																		1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m							NL		NL				NL														NL																		NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m							NL		NL				NL														NL																		NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							310		NL				NL														NL																		4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							480		NL				NL														NL																		6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)						800		1000		5000	10000																																							
NEPM (1999) Management Limits - Urban residential & open space (fine)						800		1000		3500	10000																																							
NEPM (1999) HIL A - Residential (garden)																																	3	300															
NEPM (1999) HSL A Residential - Asbestos																																																	
NEPM (1999) HIL C - Recreation																																	3	300															
NEPM (1999) HSL C Recreation - Asbestos																																																	
NEPM (1999) HIL D - Commercial/Industrial																																	40	4000															
NEPM (1999) HSL D Comm/Indust - Asbestos																																																	
NEPM (1999) EIL - Urban Residential & Open Space													170														170																							
NEPM (1999) ESL - Urban Residential & Open Space (fine)										1300	5600							0.7																												65	105	125			45
NEPM (1999) EIL - Commercial/Industrial													370														370																							
NEPM (1999) ESL - Commercial/Industrial (fine)										2500	6600							0.7																												95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																																	

Field_ID	LocCode	Sampled_Date-Time																																																					
AI_TP98_0.1	AI_TP98	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	140	<100	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	74	89	163	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP98_0.3	AI_TP98	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP99_0.3	AI_TP99	15/11/2021	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	-	-	-	-	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3

Statistical Summary

Number of Results	1	1	1	1	466	466	466	466	466	466	466	466	466	452	448	456	450	451	452	450	448	457	461	455	448	452	455	460	461	447	445	452	466	1	1	1	1	466	466	466	466	453	455	465	463	465	437
Number of Detects	0	0	0	0	0	0	0	1	1	17	3	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	447	445	0	0	0	0	0	0	2	20	47	48	0	0	0	0	0	0
Minimum Concentration	<100	<50	<100	<100	<20	<20	<20	<50	<50	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<50	<100	<100	<100	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	66	66	100	120	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	1.2	ND	ND	ND	ND	ND	ND	26	50	50	50	ND	ND	ND	ND	ND	ND
Maximum Concentration	<100	<50	<100	<100	<20	<20	<20	66	66	710	410	1186	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.2	2.4	<1	<1	<50	<100	<100	<100	39	300	550	889	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	66	66	710	410	1186	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	2.4	ND	ND	ND	ND	ND	ND	39	300	550	889	ND	ND	ND	ND	ND	ND
Average Concentration					10	10	10	25	25	54	51	56	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	1.2	0.25	0.25					10	27	30	34	0.05	0.05	0.05	0.1	0.05	0.15
Median Concentration	50	25	50	50	10	10	10	25	25	50	50	50	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	1.2	0.25	0.25	25	50	50	50	10	25	25	25	0.05	0.05	0.05	0.1	0.05	0.15
Standard Deviation					0	0	0	1.9	1.9	34	17	56	0	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.028	0.057	0.012	0.012					1.5	15	28	48	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10												10			
NEMP (2020) HIL C - Public open space											10000								1000		1000												1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000												20000			
NEMP (2020) Ecological (direct exposure)											10000										1000															
NEMP (2020) Ecological (indirect exposure)																					10															
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000												2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000															
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000															
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																	8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																	4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																	0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000															

Field_ID	LocCode	Sampled_Date-Time																																			
AI_TP111_0.3	AI_TP111	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP111_0.1	AI_TP111	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP119_0.3	AI_TP119	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP119_0.1	AI_TP119	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP12_0.3	AI_TP12	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP120_0.3	AI_TP120	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP120_0.1	AI_TP120	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP121_0.3	AI_TP121	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP121_0.1	AI_TP121	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP122_0.3	AI_TP122	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP122_0.1	AI_TP122	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP123_0.3	AI_TP123	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP123_0.1	AI_TP123	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP124_0.3	AI_TP124	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP124_0.1	AI_TP124	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP125_0.3	AI_TP125	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP125_0.1	AI_TP125	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP126_0.3	AI_TP126	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP127_0.3	AI_TP127	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP127_0.1	AI_TP127	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP13_0.3	AI_TP13	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP132_0.1	AI_TP132	1/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP132_0.3	AI_TP132	1/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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	PFAS																																		
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10											10			
NEMP (2020) HIL C - Public open space											10000								1000		1000											1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000											20000			
NEMP (2020) Ecological (direct exposure)											10000										1000														
NEMP (2020) Ecological (indirect exposure)																					10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000											2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000														

Field_ID	LocCode	Sampled_Date-Time																																		
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AI_TP135_0.3	AI_TP135	1/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP136_0.1	AI_TP136	1/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP136_0.3	AI_TP136	1/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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	PFAS																																		
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10											10			
NEMP (2020) HIL C - Public open space											10000								1000		1000											1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000											20000			
NEMP (2020) Ecological (direct exposure)											10000										1000														
NEMP (2020) Ecological (indirect exposure)																					10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000											2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000														

Field_ID	LocCode	Sampled_Date-Time																																			
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AI_TP166_0.1	AI_TP166	27/10/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP170_0.3	AI_TP170	27/10/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP171_0.1	AI_TP171	27/10/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP178_0.1	AI_TP178	17/12/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5

	PFAS																																		
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10											10			
NEMP (2020) HIL C - Public open space											10000								1000		1000											1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000											20000			
NEMP (2020) Ecological (direct exposure)											10000										1000														
NEMP (2020) Ecological (indirect exposure)																					10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000											2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000														

Field_ID	LocCode	Sampled_Date-Time																																		
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AI_TP182_0.1	AI_TP182	3/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP183_0.1	AI_TP183	3/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP200_0.3	AI_TP200	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP201_0.1	AI_TP201	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP201_0.3	AI_TP201	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5

	PFAS																																		
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10											10			
NEMP (2020) HIL C - Public open space											10000								1000		1000											1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000											20000			
NEMP (2020) Ecological (direct exposure)											10000										1000														
NEMP (2020) Ecological (indirect exposure)																					10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000											2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000														

Field_ID	LocCode	Sampled_Date-Time																																		
AI_TP202_0.1	AI_TP202	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP202_0.3	AI_TP202	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP203_0.1	AI_TP203	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP203_0.3	AI_TP203	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP204_0.1	AI_TP204	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP204_0.3	AI_TP204	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP205_0.1	AI_TP205	3/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP205_0.3	AI_TP205	3/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP208_0.1	AI_TP208	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP21_0.1	AI_TP21	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP21_0.3	AI_TP21	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP210_0.1	AI_TP210	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP210_0.3	AI_TP210	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP211_0.1	AI_TP211	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP211_0.3	AI_TP211	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP212_0.1	AI_TP212	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP212_0.3	AI_TP212	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP213_0.1	AI_TP213	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP213_0.3	AI_TP213	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP214_0.1	AI_TP214	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP214_0.3	AI_TP214	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP215_0.1	AI_TP215	3/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP215_0.3	AI_TP215	3/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP216_0.1	AI_TP216	17/12/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP216_0.4	AI_TP216	17/12/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP217_0.1	AI_TP217	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP217_0.3	AI_TP217	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP218_0.1	AI_TP218	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP218_0.3	AI_TP218	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP219_0.1	AI_TP219	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP219_0.3	AI_TP219	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP22_0.1	AI_TP22	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP22_0.3	AI_TP22	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP220_0.1	AI_TP220	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP220_0.3	AI_TP220	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5

	PFAS																																		
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10											10			
NEMP (2020) HIL C - Public open space											10000								1000		1000											1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000											20000			
NEMP (2020) Ecological (direct exposure)											10000										1000														
NEMP (2020) Ecological (indirect exposure)																					10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000											2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000														

Field_ID	LocCode	Sampled_Date-Time																																			
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AI_TP221_0.3	AI_TP221	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP222_0.1	AI_TP222	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP222_0.3	AI_TP222	2/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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	PFAS																																		
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10											10			
NEMP (2020) HIL C - Public open space											10000								1000		1000											1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000											20000			
NEMP (2020) Ecological (direct exposure)											10000										1000														
NEMP (2020) Ecological (indirect exposure)																					10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000											2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000														

Field_ID	LocCode	Sampled_Date-Time																																			
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AI_TP240_0.3	AI_TP240	1/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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AI_TP247_0.3	AI_TP247	1/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
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	PFAS																																		
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100								10		10											10			
NEMP (2020) HIL C - Public open space											10000								1000		1000											1000			
NEMP (2020) HIL D - Industrial/ commercial											50000								20000		20000											20000			
NEMP (2020) Ecological (direct exposure)											10000										1000														
NEMP (2020) Ecological (indirect exposure)																					10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000								2000		2000											2000			
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																					50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																8.2			
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																4.6			
PFAS NEMP 2020 Ecological exposure protective of birds																																0.2			
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																					20000														

Field_ID	LocCode	Sampled_Date-Time																																		
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AI_TP281_0.3	AI_TP281	29/10/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP29_0.1	AI_TP29	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP29_0.3	AI_TP29	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP30_0.1	AI_TP30	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP30_0.3	AI_TP30	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP31_0.1	AI_TP31	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP31_0.3	AI_TP31	4/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5

| | | | | PFAS | | | |

| | | | | PFAS | | | |

			PFAS																																			
			10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
			µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL			5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil													100									10		10										10				
NEMP (2020) HIL C - Public open space													10000									1000		1000										1000				
NEMP (2020) HIL D - Industrial/ commercial													50000									20000		20000										20000				
NEMP (2020) Ecological (direct exposure)													10000											1000														
NEMP (2020) Ecological (indirect exposure)																								10														
NEMP (2020) HIL B - Residential with minimal opportunities for soil access													20000									2000		2000										2000				
PFAS NEMP 2020 Clay/Single Composite Lined Landfill Acceptance Criteria																								50000														
PFAS NEMP 2020 Double Composite Landfill Acceptance Criteria																								50000														
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Avian Diet)																																		8.2				
PFAS NEMP 2020 Ecological direct exposure for wildlife diet (Mammalian Diet)																																		4.6				
PFAS NEMP 2020 Ecological exposure protective of birds																																		0.2				
PFAS NEMP 2020 Unlined Landfill Acceptance Criteria																								20000														

Field_ID	LocCode	Sampled_Date-Time																																					
AI_TP86_0.4	AI_TP86	21/12/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP88_0.1	AI_TP88	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP88_0.3	AI_TP88	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP89_0.1	AI_TP89	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP89_0.3	AI_TP89	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP90_0.1	AI_TP90	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP90_0.3	AI_TP90	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP91_0.1	AI_TP91	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP91_0.3	AI_TP91	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP92_0.3	AI_TP92	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP92_0.5	AI_TP92	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP93_0.3	AI_TP93	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP93_0.1	AI_TP93	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP94_0.3	AI_TP94	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP94_0.1	AI_TP94	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP95_0.3	AI_TP95	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP95_0.1	AI_TP95	8/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP96_0.1	AI_TP96	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP96_0.3	AI_TP96	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP98_0.1	AI_TP98	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP98_0.3	AI_TP98	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
AI_TP99_0.3	AI_TP99	15/11/2021	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5

Statistical Summary

Number of Results	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1		
Minimum Concentration	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5		
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8	ND	6.8	6.8		
Maximum Concentration	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.8	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	6.8	<10	6.8	6.8		
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8	ND	6.8	6.8		
Average Concentration	2.5	2.5	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5	2.5	2.5	5	2.5	2.5	25	2.5	5	2.5	2.5		
Median Concentration	2.5	2.5	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5	2.5	2.5	5	2.5	2.5	25	2.5	5	2.5	2.5		
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0	0.2	0.2		
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	465	0	0	0		
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		

			OCP																									
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																												
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																												
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																												
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																												
NEPM (1999) Management Limits - Commercial/Industrial (fine)																												
NEPM (1999) Management Limits - Urban residential & open space (fine)																												
NEPM (1999) HIL A - Residential (garden)								6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																												
NEPM (1999) HIL C - Recreation								10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																												
NEPM (1999) HIL D - Commercial/Industrial								45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																												
NEPM (1999) EIL - Urban Residential & Open Space													180															
NEPM (1999) ESL - Urban Residential & Open Space (fine)																												
NEPM (1999) EIL - Commercial/Industrial													640															
NEPM (1999) ESL - Commercial/Industrial (fine)																												
NEPM (1999) HSL B Residential - Asbestos																												
Field_ID	LocCode	Sampled_Date-Time																										
A1_TP128_0.1	A1_TP128	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP128_0.3	A1_TP128	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP129_0.1	A1_TP129	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP129_0.3	A1_TP129	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP130_0.1	A1_TP130	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP130_0.3	A1_TP130	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP131_0.1	A1_TP131	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP131_0.3	A1_TP131	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP153_0.1	A1_TP153	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP153_0.3	A1_TP153	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP159_0.3	A1_TP159	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP256_0.1	A1_TP256	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP256_0.3	A1_TP256	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP257_0.1	A1_TP257	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP257_0.3	A1_TP257	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP258_0.1	A1_TP258	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP258_0.3	A1_TP258	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP259_0.1	A1_TP259	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP259_0.3	A1_TP259	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP260_0.1	A1_TP260	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP260_0.3	A1_TP260	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP262_0.1	A1_TP262	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP262_0.3	A1_TP262	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP303_0.1	A1_TP303	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP303_0.3	A1_TP303	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP305_0.1	A1_TP305	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP305_0.3	A1_TP305	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP315_0.1	A1_TP315	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP315_0.3	A1_TP315	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP36_0.1	A1_TP36	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
A1_TP36_0.3	A1_TP36	16/06/2022	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

			OCP																							
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)								6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																											
NEPM (1999) HIL C - Recreation								10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																											
NEPM (1999) HIL D - Commercial/Industrial								45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																											
NEPM (1999) EIL - Urban Residential & Open Space													180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial													640														
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP02-0.3	AI_TP02	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP03-0.3	AI_TP03	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP05_0.1	AI_TP05	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP05_0.3	AI_TP05	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP06_0	AI_TP06	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP08_0.1	AI_TP08	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP08_0.3	AI_TP08	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP09_0.4	AI_TP09	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP100_0.3	AI_TP100	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP101_0.3	AI_TP101	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP102_0.3	AI_TP102	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP102_0.1	AI_TP102	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP103_0.3	AI_TP103	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP103_0.1	AI_TP103	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP104_0.3	AI_TP104	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP104_0.1	AI_TP104	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP105_0.4	AI_TP105	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP107_0.3	AI_TP107	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP108_0.5	AI_TP108	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP109_0.3	AI_TP109	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP110_0.3	AI_TP110	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP111_0.3	AI_TP111	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP111_0.1	AI_TP111	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP112_0.3	AI_TP112	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP112_0.1	AI_TP112	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP113_0.3	AI_TP113	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP113_0.1	AI_TP113	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP115_0.3	AI_TP115	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP116_0.1	AI_TP116	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP117_0.1	AI_TP117	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP117_0.2	AI_TP117	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP118_0.1	AI_TP118	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP118_0.2	AI_TP118	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP119_0.3	AI_TP119	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP119_0.1	AI_TP119	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP12_0.1	AI_TP12	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP12_0.3	AI_TP12	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP120_0.3	AI_TP120	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP120_0.1	AI_TP120	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP121_0.3	AI_TP121	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP121_0.1	AI_TP121	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP122_0.3	AI_TP122	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP122_0.1	AI_TP122	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP123_0.3	AI_TP123	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP123_0.1	AI_TP123	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP124_0.3	AI_TP124	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP124_0.1	AI_TP124	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP125_0.3	AI_TP125	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP125_0.1	AI_TP125	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

			OCP																								
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)								6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																											
NEPM (1999) HIL C - Recreation								10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																											
NEPM (1999) HIL D - Commercial/Industrial								45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																											
NEPM (1999) EIL - Urban Residential & Open Space													180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial													640														
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP126_0.3	AI_TP126	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP126_0.1	AI_TP126	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP127_0.3	AI_TP127	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP127_0.1	AI_TP127	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP13_0.1	AI_TP13	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP13_0.3	AI_TP13	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP132_0.1	AI_TP132	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP132_0.3	AI_TP132	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP133_0.1	AI_TP133	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP133_0.3	AI_TP133	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP134_0.1	AI_TP134	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP134_0.3	AI_TP134	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP135_0.1	AI_TP135	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP135_0.3	AI_TP135	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP136_0.1	AI_TP136	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP136_0.3	AI_TP136	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP137_0.1	AI_TP137	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP137_0.3	AI_TP137	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP138_0.1	AI_TP138	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP138_0.3	AI_TP138	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP139_0.1	AI_TP139	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP139_0.3	AI_TP139	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP14_0.4	AI_TP14	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP140_0.1	AI_TP140	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP140_0.3	AI_TP140	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP141_0.1	AI_TP141	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP141_0.3	AI_TP141	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP142_0.3	AI_TP142	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP142_0.1	AI_TP142	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	0.09	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP143_0.3	AI_TP143	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP143_0.1	AI_TP143	8/11/2021	1.33	1	<0.05	<0.05	<0.05	0.33	<0.05	1	<0.05	<0.05	<0.05	<0.05	0.33	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP144_0.2	AI_TP144	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP144_0.1	AI_TP144	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP144_0.2	AI_TP144	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP145_0.3	AI_TP145	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP145_0.1	AI_TP145	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP146_0.3	AI_TP146	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP146_0.1	AI_TP146	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP147_0.3	AI_TP147	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP147_0.1	AI_TP147	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP148_0.3	AI_TP148	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP148_0.1	AI_TP148	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP149_0.3	AI_TP149	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP149_0.1	AI_TP149	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP15-0.3	AI_TP15	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP150_0.1	AI_TP150	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP150_0.3	AI_TP150	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP151_0.1	AI_TP151	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP151_0.3	AI_TP151	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

			OCP																							
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)								6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																											
NEPM (1999) HIL C - Recreation								10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																											
NEPM (1999) HIL D - Commercial/Industrial								45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																											
NEPM (1999) EIL - Urban Residential & Open Space													180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial													640														
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP152_0.1	AI_TP152	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP152_0.3	AI_TP152	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP158_0.1	AI_TP158	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP158_0.3	AI_TP158	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP16_0.3	AI_TP16	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP160_0.3	AI_TP160	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP163_0.1	AI_TP163	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP163_0.3	AI_TP163	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP164_0.1	AI_TP164	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP164_0.4	AI_TP164	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP165_0.1	AI_TP165	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP165_0.3	AI_TP165	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP166_0.1	AI_TP166	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP166_0.3	AI_TP166	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP167_0.1	AI_TP167	27/10/2021	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10
AI_TP167_0.3	AI_TP167	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP168_0.1	AI_TP168	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP168_0.3	AI_TP168	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP169_0.1	AI_TP169	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP169_0.3	AI_TP169	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP170_0.1	AI_TP170	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP170_0.3	AI_TP170	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP171_0.1	AI_TP171	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP171_0.3	AI_TP171	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP172_0.1	AI_TP172	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP172_0.3	AI_TP172	27/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP173_0.4	AI_TP173	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP176_0.1	AI_TP176	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP176_0.3	AI_TP176	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP177_0.4	AI_TP177	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP178_0.4	AI_TP178	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP179_0.4	AI_TP179	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP181_0.1	AI_TP181	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP181_0.3	AI_TP181	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP182_0.1	AI_TP182	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP182_0.3	AI_TP182	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP183_0.1	AI_TP183	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP183_0.3	AI_TP183	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP184_0.4	AI_TP184	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP186_0.1	AI_TP186	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP186_0.3	AI_TP186	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP187_0.1	AI_TP187	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP187_0.3	AI_TP187	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP188_0.1	AI_TP188	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP188_0.3	AI_TP188	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP189_0.1	AI_TP189	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP189_0.3	AI_TP189	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP19_0.3	AI_TP19	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP193_0.1	AI_TP193	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

			OCP																							
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)								6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																											
NEPM (1999) HIL C - Recreation								10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																											
NEPM (1999) HIL D - Commercial/Industrial								45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																											
NEPM (1999) EIL - Urban Residential & Open Space													180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial													640														
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP193_0.3	AI_TP193	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP194_0.1	AI_TP194	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP194_0.3	AI_TP194	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP195_0.1	AI_TP195	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP195_0.3	AI_TP195	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP196_0.1	AI_TP196	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP196_0.3	AI_TP196	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP197_0.4	AI_TP197	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP20_0.4	AI_TP20	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP200_0.1	AI_TP200	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP200_0.3	AI_TP200	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP201_0.1	AI_TP201	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP201_0.3	AI_TP201	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP202_0.1	AI_TP202	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP202_0.3	AI_TP202	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP203_0.1	AI_TP203	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP203_0.3	AI_TP203	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP204_0.1	AI_TP204	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP204_0.3	AI_TP204	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP205_0.1	AI_TP205	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP205_0.3	AI_TP205	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP208_0.1	AI_TP208	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP208_0.3	AI_TP208	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP209_0.1	AI_TP209	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP209_0.3	AI_TP209	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP21_0.1	AI_TP21	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP21_0.3	AI_TP21	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP210_0.1	AI_TP210	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP210_0.3	AI_TP210	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP211_0.1	AI_TP211	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP211_0.3	AI_TP211	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP212_0.1	AI_TP212	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP212_0.3	AI_TP212	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP213_0.1	AI_TP213	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP213_0.3	AI_TP213	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP214_0.1	AI_TP214	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP214_0.3	AI_TP214	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP215_0.1	AI_TP215	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP215_0.3	AI_TP215	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP216_0.4	AI_TP216	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP217_0.1	AI_TP217	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP217_0.3	AI_TP217	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP218_0.1	AI_TP218	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP218_0.3	AI_TP218	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP219_0.1	AI_TP219	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP219_0.3	AI_TP219	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP22_0.1	AI_TP22	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP22_0.3	AI_TP22	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP220_0.1	AI_TP220	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

			OCP																							
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)								6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																											
NEPM (1999) HIL C - Recreation								10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																											
NEPM (1999) HIL D - Commercial/Industrial								45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																											
NEPM (1999) EIL - Urban Residential & Open Space													180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial													640														
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP220_0.3	AI_TP220	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP221_0.1	AI_TP221	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP221_0.3	AI_TP221	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP222_0.1	AI_TP222	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP222_0.3	AI_TP222	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP223_0.1	AI_TP223	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP223_0.3	AI_TP223	2/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP224_0.1	AI_TP224	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP224_0.3	AI_TP224	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP225_0.4	AI_TP225	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP226_0.1	AI_TP226	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP226_0.3	AI_TP226	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP227_0.1	AI_TP227	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP227_0.3	AI_TP227	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP228_0.1	AI_TP228	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP228_0.3	AI_TP228	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP229_0.1	AI_TP229	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP229_0.3	AI_TP229	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP23_0.4	AI_TP23	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP230_0.1	AI_TP230	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP230_0.3	AI_TP230	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP231_0.1	AI_TP231	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP231_0.3	AI_TP231	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP232_0.1	AI_TP232	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP232_0.3	AI_TP232	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP233_0.1	AI_TP233	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP233_0.3	AI_TP233	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP234_0.1	AI_TP234	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP234_0.3	AI_TP234	3/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP235_0.1	AI_TP235	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP235_0.3	AI_TP235	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP236_0.1	AI_TP236	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP236_0.3	AI_TP236	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP237_0.1	AI_TP237	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP237_0.3	AI_TP237	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP238_0.1	AI_TP238	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP238_0.3	AI_TP238	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP239_0.1	AI_TP239	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP239_0.3	AI_TP239	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP24_0.3	AI_TP24	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP240_0.1	AI_TP240	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP240_0.3	AI_TP240	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP242_0.1	AI_TP242	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP242_0.3	AI_TP242	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP243_0.1	AI_TP243	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP243_0.3	AI_TP243	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP244_0.1	AI_TP244	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP244_0.3	AI_TP244	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP245_0.1	AI_TP245	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

			OCP																								
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)							6		50					240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																											
NEPM (1999) HIL C - Recreation							10		70					400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																											
NEPM (1999) HIL D - Commercial/Industrial							45		530					3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																											
NEPM (1999) EIL - Urban Residential & Open Space													180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial													640														
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP245_0.3	AI_TP245	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP246_0.1	AI_TP246	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP246_0.3	AI_TP246	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP247_0.1	AI_TP247	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP247_0.3	AI_TP247	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP248_0.1	AI_TP248	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP248_0.3	AI_TP248	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP249_0.1	AI_TP249	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP249_0.3	AI_TP249	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP25_0.3	AI_TP25	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP250_0.1	AI_TP250	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP250_0.3	AI_TP250	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP251_0.1	AI_TP251	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP251_0.3	AI_TP251	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP252_0.1	AI_TP252	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP252_0.3	AI_TP252	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP253_0.1	AI_TP253	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP253_0.3	AI_TP253	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP254_0.1	AI_TP254	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP254_0.3	AI_TP254	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP255_0.1	AI_TP255	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP255_0.3	AI_TP255	1/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP263_0.1	AI_TP263	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP263_0.3	AI_TP263	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP264_0.1	AI_TP264	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP264_0.3	AI_TP264	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP265_0.1	AI_TP265	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP265_0.3	AI_TP265	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP266_0.1	AI_TP266	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP266_0.3	AI_TP266	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP267_0.1	AI_TP267	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP267_0.3	AI_TP267	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP268_0.1	AI_TP268	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP268_0.3	AI_TP268	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP269_0.1	AI_TP269	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP269_0.3	AI_TP269	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP27_0.4	AI_TP27	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP270_0.1	AI_TP270	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP270_0.3	AI_TP270	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP271_0.1	AI_TP271	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP271_0.3	AI_TP271	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP272_0.1	AI_TP272	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP272_0.3	AI_TP272	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP277_0.1	AI_TP277	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP277_0.3	AI_TP277	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP278_0.1	AI_TP278	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP278_0.3	AI_TP278	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP279_0.1	AI_TP279	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP279_0.3	AI_TP279	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

			OCP																							
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)								6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																											
NEPM (1999) HIL C - Recreation								10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																											
NEPM (1999) HIL D - Commercial/Industrial								45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																											
NEPM (1999) EIL - Urban Residential & Open Space													180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial													640														
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP28_0.5	AI_TP28	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP280_0.1	AI_TP280	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP280_0.3	AI_TP280	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP281_0.1	AI_TP281	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP281_0.3	AI_TP281	29/10/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP29_0.1	AI_TP29	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP29_0.3	AI_TP29	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP30_0.1	AI_TP30	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP30_0.3	AI_TP30	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP31_0.1	AI_TP31	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP31_0.3	AI_TP31	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP32_0.4	AI_TP32	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP35-0.2	AI_TP35	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP36_0.4	AI_TP36	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP36-0.3	AI_TP36	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP37_0.4	AI_TP37	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP39_0.1	AI_TP39	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP39_0.3	AI_TP39	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP40_0.1	AI_TP40	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP40_0.3	AI_TP40	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP41_0.1	AI_TP41	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP41_0.3	AI_TP41	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP42_0.4	AI_TP42	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP43-0.3	AI_TP43	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP45_0.3	AI_TP45	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP46_0.4	AI_TP46	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP47_0.4	AI_TP47	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP48_0.4	AI_TP48	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP49_0.1	AI_TP49	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP49_0.3	AI_TP49	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP50_0.1	AI_TP50	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP50_0.3	AI_TP50	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP51_0.1	AI_TP51	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP51_0.3	AI_TP51	4/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP54-0.3	AI_TP54	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP55-0.3	AI_TP55	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP56-0.3	AI_TP56	9/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP58_0.4	AI_TP58	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP59_0.4	AI_TP59	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP60_0.5	AI_TP60	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP61_0.4	AI_TP61	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP62_0.4	AI_TP62	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP66_0.4	AI_TP66	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP67_0.4	AI_TP67	17/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP71_0.4	AI_TP71	20/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP75_0.4	AI_TP75	21/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP76_0.4	AI_TP76	21/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP78_0.3	AI_TP78	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP79_0.4	AI_TP79	21/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

	OCP																								
	Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																									
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																									
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																									
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
NEPM (1999) Management Limits - Urban residential & open space (fine)																									
NEPM (1999) HIL A - Residential (garden)						6		50				240					10				6		10	300	20
NEPM (1999) HSL A Residential - Asbestos																									
NEPM (1999) HIL C - Recreation						10		70				400					20				10		10	400	30
NEPM (1999) HSL C Recreation - Asbestos																									
NEPM (1999) HIL D - Commercial/Industrial						45		530				3600					100				50		80	2500	160
NEPM (1999) HSL D Comm/Indust - Asbestos																									
NEPM (1999) EIL - Urban Residential & Open Space											180														
NEPM (1999) ESL - Urban Residential & Open Space (fine)																									
NEPM (1999) EIL - Commercial/Industrial											640														
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HSL B Residential - Asbestos																									

Field_ID	LocCode	Sampled_Date-Time																								
AI_TP80_0.4	AI_TP80	21/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP81_0.4	AI_TP81	21/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP82_0.3	AI_TP82	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP83_0.3	AI_TP83	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP84_0.3	AI_TP84	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP86_0.4	AI_TP86	21/12/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP88_0.3	AI_TP88	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP89_0.3	AI_TP89	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP90_0.3	AI_TP90	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP91_0.3	AI_TP91	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP92_0.5	AI_TP92	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP93_0.3	AI_TP93	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP93_0.1	AI_TP93	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP94_0.3	AI_TP94	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP94_0.1	AI_TP94	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP95_0.3	AI_TP95	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP95_0.1	AI_TP95	8/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP96_0.3	AI_TP96	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP98_0.3	AI_TP98	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
AI_TP99_0.3	AI_TP99	15/11/2021	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

Statistical Summary																									
Number of Results	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394
Number of Detects	1	1	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
Minimum Detect	1.33	1	ND	ND	ND	0.09	ND	1	ND	ND	ND	ND	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	1.33	1	<0.5	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10
Maximum Detect	1.33	1	ND	ND	ND	0.33	ND	1	ND	ND	ND	ND	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.054	0.054	0.026	0.026	0.026	0.027	0.026	0.054	0.026	0.026	0.026	0.026	0.027	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.26
Median Concentration	0.05	0.05	0.025	0.025	0.025	0.025	0.025	0.05	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.25
Standard Deviation	0.068	0.053	0.011	0.011	0.011	0.019	0.011	0.053	0.011	0.011	0.011	0.011	0.019	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.24
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

																			OPP																			

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																	
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																	
NEPM (1999) Management Limits - Urban residential & open spa																																	
NEPM (1999) HIL A - Residential (garden)					160																												
NEPM (1999) HSL A Residential - Asbestos																																	
NEPM (1999) HIL C - Recreation					250																												
NEPM (1999) HSL C Recreation - Asbestos																																	
NEPM (1999) HIL D - Commercial/Industrial					2000																												
NEPM (1999) HSL D Comm/Indust - Asbestos																																	
NEPM (1999) EIL - Urban Residential & Open Space																																	
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																	
NEPM (1999) EIL - Commercial/Industrial																																	
NEPM (1999) ESL - Commercial/Industrial (fine)																																	
NEPM (1999) HSL B Residential - Asbestos																																	

Field_ID	LocCode	Sampled_Date-Time																																
AI_TP02-0.3	AI_TP02	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP03-0.3	AI_TP03	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP05_0.1	AI_TP05	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP05_0.3	AI_TP05	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP06_0	AI_TP06	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP08_0.1	AI_TP08	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP08_0.3	AI_TP08	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP09_0.4	AI_TP09	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP100_0.3	AI_TP100	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP101_0.3	AI_TP101	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP102_0.3	AI_TP102	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP102_0.1	AI_TP102	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP103_0.3	AI_TP103	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP103_0.1	AI_TP103	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP104_0.3	AI_TP104	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP104_0.1	AI_TP104	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP105_0.4	AI_TP105	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP107_0.3	AI_TP107	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP108_0.5	AI_TP108	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP109_0.3	AI_TP109	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP110_0.3	AI_TP110	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP111_0.3	AI_TP111	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP111_0.1	AI_TP111	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP112_0.3	AI_TP112	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP112_0.1	AI_TP112	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP113_0.3	AI_TP113	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP113_0.1	AI_TP113	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP115_0.3	AI_TP115	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP116_0.1	AI_TP116	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP117_0.1	AI_TP117	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP117_0.2	AI_TP117	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP118_0.1	AI_TP118	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP118_0.2	AI_TP118	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP119_0.3	AI_TP119	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP119_0.1	AI_TP119	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP12_0.1	AI_TP12	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP12_0.3	AI_TP12	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP120_0.3	AI_TP120	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP120_0.1	AI_TP120	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP121_0.3	AI_TP121	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP121_0.1	AI_TP121	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP122_0.3	AI_TP122	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP122_0.1	AI_TP122	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP123_0.3	AI_TP123	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP123_0.1	AI_TP123	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP124_0.3	AI_TP124	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP124_0.1	AI_TP124	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP125_0.3	AI_TP125	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP125_0.1	AI_TP125	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																	
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																	
NEPM (1999) Management Limits - Urban residential & open spa																																	
NEPM (1999) HIL A - Residential (garden)					160																												
NEPM (1999) HSL A Residential - Asbestos																																	
NEPM (1999) HIL C - Recreation					250																												
NEPM (1999) HSL C Recreation - Asbestos																																	
NEPM (1999) HIL D - Commercial/Industrial					2000																												
NEPM (1999) HSL D Comm/Indust - Asbestos																																	
NEPM (1999) EIL - Urban Residential & Open Space																																	
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																	
NEPM (1999) EIL - Commercial/Industrial																																	
NEPM (1999) ESL - Commercial/Industrial (fine)																																	
NEPM (1999) HSL B Residential - Asbestos																																	

Field_ID	LocCode	Sampled_Date-Time																																
AI_TP126_0.3	AI_TP126	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP126_0.1	AI_TP126	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP127_0.3	AI_TP127	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP127_0.1	AI_TP127	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP13_0.1	AI_TP13	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP13_0.3	AI_TP13	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP132_0.1	AI_TP132	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP132_0.3	AI_TP132	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP133_0.1	AI_TP133	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP133_0.3	AI_TP133	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP134_0.1	AI_TP134	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP134_0.3	AI_TP134	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP135_0.1	AI_TP135	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP135_0.3	AI_TP135	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP136_0.1	AI_TP136	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP136_0.3	AI_TP136	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP137_0.1	AI_TP137	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP137_0.3	AI_TP137	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP138_0.1	AI_TP138	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP138_0.3	AI_TP138	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP139_0.1	AI_TP139	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP139_0.3	AI_TP139	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP14_0.4	AI_TP14	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP140_0.1	AI_TP140	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP140_0.3	AI_TP140	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP141_0.1	AI_TP141	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP141_0.3	AI_TP141	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP142_0.3	AI_TP142	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP142_0.1	AI_TP142	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP143_0.3	AI_TP143	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP143_0.1	AI_TP143	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP144_0.2	AI_TP144	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP144_0.1	AI_TP144	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP144_0.2	AI_TP144	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP145_0.3	AI_TP145	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP145_0.1	AI_TP145	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP146_0.3	AI_TP146	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP146_0.1	AI_TP146	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP147_0.3	AI_TP147	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP147_0.1	AI_TP147	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP148_0.3	AI_TP148	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP148_0.1	AI_TP148	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP149_0.3	AI_TP149	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP149_0.1	AI_TP149	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP15-0.3	AI_TP15	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP150_0.1	AI_TP150	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP150_0.3	AI_TP150	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP151_0.1	AI_TP151	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP151_0.3	AI_TP151	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																	
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																	
NEPM (1999) Management Limits - Urban residential & open spa																																	
NEPM (1999) HIL A - Residential (garden)					160																												
NEPM (1999) HSL A Residential - Asbestos																																	
NEPM (1999) HIL C - Recreation					250																												
NEPM (1999) HSL C Recreation - Asbestos																																	
NEPM (1999) HIL D - Commercial/Industrial					2000																												
NEPM (1999) HSL D Comm/Indust - Asbestos																																	
NEPM (1999) EIL - Urban Residential & Open Space																																	
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																	
NEPM (1999) EIL - Commercial/Industrial																																	
NEPM (1999) ESL - Commercial/Industrial (fine)																																	
NEPM (1999) HSL B Residential - Asbestos																																	

Field_ID	LocCode	Sampled_Date-Time																																
AI_TP152_0.1	AI_TP152	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP152_0.3	AI_TP152	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP158_0.1	AI_TP158	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP158_0.3	AI_TP158	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP16_0.3	AI_TP16	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP160_0.3	AI_TP160	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP163_0.1	AI_TP163	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP163_0.3	AI_TP163	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP164_0.1	AI_TP164	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP164_0.4	AI_TP164	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP165_0.1	AI_TP165	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP165_0.3	AI_TP165	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP166_0.1	AI_TP166	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP166_0.3	AI_TP166	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP167_0.1	AI_TP167	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP167_0.3	AI_TP167	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP168_0.1	AI_TP168	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP168_0.3	AI_TP168	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP169_0.1	AI_TP169	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP169_0.3	AI_TP169	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP170_0.1	AI_TP170	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP170_0.3	AI_TP170	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP171_0.1	AI_TP171	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP171_0.3	AI_TP171	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP172_0.1	AI_TP172	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP172_0.3	AI_TP172	27/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP173_0.4	AI_TP173	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP176_0.1	AI_TP176	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP176_0.3	AI_TP176	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP177_0.4	AI_TP177	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP178_0.4	AI_TP178	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP179_0.4	AI_TP179	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP181_0.1	AI_TP181	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP181_0.3	AI_TP181	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP182_0.1	AI_TP182	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP182_0.3	AI_TP182	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP183_0.1	AI_TP183	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP183_0.3	AI_TP183	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP184_0.4	AI_TP184	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP186_0.1	AI_TP186	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP186_0.3	AI_TP186	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP187_0.1	AI_TP187	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP187_0.3	AI_TP187	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP188_0.1	AI_TP188	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP188_0.3	AI_TP188	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP189_0.1	AI_TP189	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP189_0.3	AI_TP189	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP19_0.3	AI_TP19	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP193_0.1	AI_TP193	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																	
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																	
NEPM (1999) Management Limits - Urban residential & open spa																																	
NEPM (1999) HIL A - Residential (garden)					160																												
NEPM (1999) HSL A Residential - Asbestos																																	
NEPM (1999) HIL C - Recreation					250																												
NEPM (1999) HSL C Recreation - Asbestos																																	
NEPM (1999) HIL D - Commercial/Industrial					2000																												
NEPM (1999) HSL D Comm/Indust - Asbestos																																	
NEPM (1999) EIL - Urban Residential & Open Space																																	
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																	
NEPM (1999) EIL - Commercial/Industrial																																	
NEPM (1999) ESL - Commercial/Industrial (fine)																																	
NEPM (1999) HSL B Residential - Asbestos																																	

Field_ID	LocCode	Sampled_Date-Time																																
AI_TP193_0.3	AI_TP193	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP194_0.1	AI_TP194	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP194_0.3	AI_TP194	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP195_0.1	AI_TP195	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP195_0.3	AI_TP195	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP196_0.1	AI_TP196	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP196_0.3	AI_TP196	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP197_0.4	AI_TP197	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP20_0.4	AI_TP20	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP200_0.1	AI_TP200	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP200_0.3	AI_TP200	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP201_0.1	AI_TP201	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP201_0.3	AI_TP201	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP202_0.1	AI_TP202	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP202_0.3	AI_TP202	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP203_0.1	AI_TP203	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP203_0.3	AI_TP203	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP204_0.1	AI_TP204	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP204_0.3	AI_TP204	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP205_0.1	AI_TP205	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP205_0.3	AI_TP205	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP208_0.1	AI_TP208	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP208_0.3	AI_TP208	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP209_0.1	AI_TP209	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP209_0.3	AI_TP209	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP21_0.1	AI_TP21	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP21_0.3	AI_TP21	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP210_0.1	AI_TP210	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP210_0.3	AI_TP210	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP211_0.1	AI_TP211	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP211_0.3	AI_TP211	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP212_0.1	AI_TP212	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP212_0.3	AI_TP212	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP213_0.1	AI_TP213	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP213_0.3	AI_TP213	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP214_0.1	AI_TP214	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP214_0.3	AI_TP214	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP215_0.1	AI_TP215	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP215_0.3	AI_TP215	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP216_0.4	AI_TP216	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP217_0.1	AI_TP217	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP217_0.3	AI_TP217	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP218_0.1	AI_TP218	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP218_0.3	AI_TP218	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP219_0.1	AI_TP219	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP219_0.3	AI_TP219	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP22_0.1	AI_TP22	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP22_0.3	AI_TP22	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP220_0.1	AI_TP220	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																	
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																	
NEPM (1999) Management Limits - Urban residential & open spa																																	
NEPM (1999) HIL A - Residential (garden)					160																												
NEPM (1999) HSL A Residential - Asbestos																																	
NEPM (1999) HIL C - Recreation					250																												
NEPM (1999) HSL C Recreation - Asbestos																																	
NEPM (1999) HIL D - Commercial/Industrial					2000																												
NEPM (1999) HSL D Comm/Indust - Asbestos																																	
NEPM (1999) EIL - Urban Residential & Open Space																																	
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																	
NEPM (1999) EIL - Commercial/Industrial																																	
NEPM (1999) ESL - Commercial/Industrial (fine)																																	
NEPM (1999) HSL B Residential - Asbestos																																	
Field_ID	**LocCode**	**Sampled_Date-Time**																															
AI_TP220_0.3	AI_TP220	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP221_0.1	AI_TP221	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP221_0.3	AI_TP221	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP222_0.1	AI_TP222	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP222_0.3	AI_TP222	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP223_0.1	AI_TP223	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP223_0.3	AI_TP223	2/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP224_0.1	AI_TP224	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP224_0.3	AI_TP224	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP225_0.4	AI_TP225	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP226_0.1	AI_TP226	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP226_0.3	AI_TP226	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP227_0.1	AI_TP227	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP227_0.3	AI_TP227	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP228_0.1	AI_TP228	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP228_0.3	AI_TP228	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP229_0.1	AI_TP229	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP229_0.3	AI_TP229	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP23_0.4	AI_TP23	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP230_0.1	AI_TP230	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP230_0.3	AI_TP230	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP231_0.1	AI_TP231	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP231_0.3	AI_TP231	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP232_0.1	AI_TP232	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP232_0.3	AI_TP232	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP233_0.1	AI_TP233	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP233_0.3	AI_TP233	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP234_0.1	AI_TP234	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP234_0.3	AI_TP234	3/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP235_0.1	AI_TP235	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP235_0.3	AI_TP235	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP236_0.1	AI_TP236	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP236_0.3	AI_TP236	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP237_0.1	AI_TP237	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP237_0.3	AI_TP237	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP238_0.1	AI_TP238	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP238_0.3	AI_TP238	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP239_0.1	AI_TP239	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP239_0.3	AI_TP239	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP24_0.3	AI_TP24	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP240_0.1	AI_TP240	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP240_0.3	AI_TP240	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP242_0.1	AI_TP242	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP242_0.3	AI_TP242	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP243_0.1	AI_TP243	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP243_0.3	AI_TP243	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP244_0.1	AI_TP244	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP244_0.3	AI_TP244	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP245_0.1	AI_TP245	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																	
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																	
NEPM (1999) Management Limits - Urban residential & open spa																																	
NEPM (1999) HIL A - Residential (garden)					160																												
NEPM (1999) HSL A Residential - Asbestos																																	
NEPM (1999) HIL C - Recreation					250																												
NEPM (1999) HSL C Recreation - Asbestos																																	
NEPM (1999) HIL D - Commercial/Industrial					2000																												
NEPM (1999) HSL D Comm/Indust - Asbestos																																	
NEPM (1999) EIL - Urban Residential & Open Space																																	
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																	
NEPM (1999) EIL - Commercial/Industrial																																	
NEPM (1999) ESL - Commercial/Industrial (fine)																																	
NEPM (1999) HSL B Residential - Asbestos																																	

Field_ID	LocCode	Sampled_Date-Time																																
AI_TP245_0.3	AI_TP245	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP246_0.1	AI_TP246	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP246_0.3	AI_TP246	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP247_0.1	AI_TP247	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP247_0.3	AI_TP247	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP248_0.1	AI_TP248	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP248_0.3	AI_TP248	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP249_0.1	AI_TP249	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP249_0.3	AI_TP249	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP25_0.3	AI_TP25	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP250_0.1	AI_TP250	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP250_0.3	AI_TP250	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP251_0.1	AI_TP251	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP251_0.3	AI_TP251	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP252_0.1	AI_TP252	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP252_0.3	AI_TP252	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP253_0.1	AI_TP253	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP253_0.3	AI_TP253	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP254_0.1	AI_TP254	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP254_0.3	AI_TP254	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP255_0.1	AI_TP255	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP255_0.3	AI_TP255	1/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP263_0.1	AI_TP263	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP263_0.3	AI_TP263	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP264_0.1	AI_TP264	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP264_0.3	AI_TP264	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP265_0.1	AI_TP265	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP265_0.3	AI_TP265	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP266_0.1	AI_TP266	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP266_0.3	AI_TP266	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP267_0.1	AI_TP267	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP267_0.3	AI_TP267	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP268_0.1	AI_TP268	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP268_0.3	AI_TP268	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP269_0.1	AI_TP269	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP269_0.3	AI_TP269	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP27_0.4	AI_TP27	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP270_0.1	AI_TP270	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP270_0.3	AI_TP270	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP271_0.1	AI_TP271	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP271_0.3	AI_TP271	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP272_0.1	AI_TP272	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP272_0.3	AI_TP272	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP277_0.1	AI_TP277	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP277_0.3	AI_TP277	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP278_0.1	AI_TP278	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP278_0.3	AI_TP278	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP279_0.1	AI_TP279	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP279_0.3	AI_TP279	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																	
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																	
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																	
NEPM (1999) Management Limits - Urban residential & open spa																																	
NEPM (1999) HIL A - Residential (garden)					160																												
NEPM (1999) HSL A Residential - Asbestos																																	
NEPM (1999) HIL C - Recreation					250																												
NEPM (1999) HSL C Recreation - Asbestos																																	
NEPM (1999) HIL D - Commercial/Industrial					2000																												
NEPM (1999) HSL D Comm/Indust - Asbestos																																	
NEPM (1999) EIL - Urban Residential & Open Space																																	
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																	
NEPM (1999) EIL - Commercial/Industrial																																	
NEPM (1999) ESL - Commercial/Industrial (fine)																																	
NEPM (1999) HSL B Residential - Asbestos																																	

Field_ID	LocCode	Sampled_Date-Time																																
AI_TP28_0.5	AI_TP28	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP280_0.1	AI_TP280	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP280_0.3	AI_TP280	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP281_0.1	AI_TP281	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP281_0.3	AI_TP281	29/10/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP29_0.1	AI_TP29	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP29_0.3	AI_TP29	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP30_0.1	AI_TP30	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP30_0.3	AI_TP30	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP31_0.1	AI_TP31	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP31_0.3	AI_TP31	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP32_0.4	AI_TP32	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP35-0.2	AI_TP35	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP36_0.4	AI_TP36	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP36-0.3	AI_TP36	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP37_0.4	AI_TP37	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP39_0.1	AI_TP39	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP39_0.3	AI_TP39	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP40_0.1	AI_TP40	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP40_0.3	AI_TP40	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP41_0.1	AI_TP41	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP41_0.3	AI_TP41	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP42_0.4	AI_TP42	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP43-0.3	AI_TP43	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP45_0.3	AI_TP45	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP46_0.4	AI_TP46	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP47_0.4	AI_TP47	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP48_0.4	AI_TP48	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP49_0.1	AI_TP49	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP49_0.3	AI_TP49	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP50_0.1	AI_TP50	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP50_0.3	AI_TP50	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP51_0.1	AI_TP51	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP51_0.3	AI_TP51	4/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP54-0.3	AI_TP54	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP55-0.3	AI_TP55	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP56-0.3	AI_TP56	9/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP58_0.4	AI_TP58	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP59_0.4	AI_TP59	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP60_0.5	AI_TP60	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP61_0.4	AI_TP61	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP62_0.4	AI_TP62	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP66_0.4	AI_TP66	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP67_0.4	AI_TP67	17/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP71_0.4	AI_TP71	20/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP75_0.4	AI_TP75	21/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP76_0.4	AI_TP76	21/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP78_0.3	AI_TP78	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP79_0.4	AI_TP79	21/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

	OPP																																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																		
NEPM (1999) Management Limits - Urban residential & open spa																																		
NEPM (1999) HIL A - Residential (garden)					160																													
NEPM (1999) HSL A Residential - Asbestos																																		
NEPM (1999) HIL C - Recreation					250																													
NEPM (1999) HSL C Recreation - Asbestos																																		
NEPM (1999) HIL D - Commercial/Industrial					2000																													
NEPM (1999) HSL D Comm/Indust - Asbestos																																		
NEPM (1999) EIL - Urban Residential & Open Space																																		
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																		
NEPM (1999) EIL - Commercial/Industrial																																		
NEPM (1999) ESL - Commercial/Industrial (fine)																																		
NEPM (1999) HSL B Residential - Asbestos																																		

Field_ID	LocCode	Sampled_Date-Time																																	
AI_TP80_0.4	AI_TP80	21/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP81_0.4	AI_TP81	21/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP82_0.3	AI_TP82	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP83_0.3	AI_TP83	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP84_0.3	AI_TP84	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP86_0.4	AI_TP86	21/12/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP88_0.3	AI_TP88	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP89_0.3	AI_TP89	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP90_0.3	AI_TP90	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP91_0.3	AI_TP91	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP92_0.5	AI_TP92	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP93_0.3	AI_TP93	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP93_0.1	AI_TP93	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP94_0.3	AI_TP94	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP94_0.1	AI_TP94	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP95_0.3	AI_TP95	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP95_0.1	AI_TP95	8/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP96_0.3	AI_TP96	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP98_0.3	AI_TP98	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
AI_TP99_0.3	AI_TP99	15/11/2021	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Statistical Summary

Number of Results	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394	394
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Median Concentration	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Standard Deviation	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.076	0.0076	0.076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
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NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
A1_TP128_0.1	A1_TP128	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP128_0.3	A1_TP128	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP129_0.1	A1_TP129	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP129_0.3	A1_TP129	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP130_0.1	A1_TP130	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP130_0.3	A1_TP130	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP131_0.1	A1_TP131	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP131_0.3	A1_TP131	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP153_0.1	A1_TP153	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP153_0.3	A1_TP153	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP159_0.3	A1_TP159	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP256_0.1	A1_TP256	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP256_0.3	A1_TP256	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP257_0.1	A1_TP257	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP257_0.3	A1_TP257	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP258_0.1	A1_TP258	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP258_0.3	A1_TP258	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP259_0.1	A1_TP259	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP259_0.3	A1_TP259	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP260_0.1	A1_TP260	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP260_0.3	A1_TP260	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP262_0.1	A1_TP262	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP262_0.3	A1_TP262	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP303_0.1	A1_TP303	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP303_0.3	A1_TP303	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																														
A1_TP305_0.1	A1_TP305	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP305_0.3	A1_TP305	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP315_0.1	A1_TP315	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP315_0.3	A1_TP315	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP36_0.1	A1_TP36	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
A1_TP36_0.3	A1_TP36	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP02-0.1	AI_TP02	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP02-0.3	AI_TP02	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP03-0.1	AI_TP03	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP03-0.3	AI_TP03	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP05_0.1	AI_TP05	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP05_0.3	AI_TP05	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP06_0.3	AI_TP06	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP06_0.1	AI_TP06	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP08_0.1	AI_TP08	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP08_0.3	AI_TP08	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP09_0.1	AI_TP09	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP09_0.4	AI_TP09	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP100_0.1	AI_TP100	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP100_0.3	AI_TP100	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP101_0.1	AI_TP101	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP101_0.3	AI_TP101	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP102_0.3	AI_TP102	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP102_0.1	AI_TP102	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP103_0.3	AI_TP103	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP103_0.1	AI_TP103	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP104_0.3	AI_TP104	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP104_0.1	AI_TP104	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP105_0.1	AI_TP105	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP105_0.4	AI_TP105	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP107_0.1	AI_TP107	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP107_0.3	AI_TP107	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP108_0.1	AI_TP108	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP108_0.5	AI_TP108	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP109_0.1	AI_TP109	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP109_0.3	AI_TP109	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP11-0.1	AI_TP11	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP110_0.1	AI_TP110	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP110_0.3	AI_TP110	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP111_0.3	AI_TP111	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP111_0.1	AI_TP111	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP112_0.3	AI_TP112	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP112_0.1	AI_TP112	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP113_0.3	AI_TP113	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP113_0.1	AI_TP113	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																														
AI_TP115_0.1	AI_TP115	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP115_0.3	AI_TP115	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP116_0.1	AI_TP116	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP117_0.1	AI_TP117	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP117_0.2	AI_TP117	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP118_0.1	AI_TP118	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP118_0.2	AI_TP118	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP119_0.3	AI_TP119	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP119_0.1	AI_TP119	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP12_0.1	AI_TP12	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP12_0.3	AI_TP12	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP120_0.3	AI_TP120	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP120_0.1	AI_TP120	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP121_0.3	AI_TP121	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP121_0.1	AI_TP121	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP122_0.3	AI_TP122	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP122_0.1	AI_TP122	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP123_0.3	AI_TP123	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP123_0.1	AI_TP123	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP124_0.3	AI_TP124	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP124_0.1	AI_TP124	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP125_0.3	AI_TP125	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP125_0.1	AI_TP125	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP126_0.3	AI_TP126	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP126_0.1	AI_TP126	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP127_0.3	AI_TP127	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP127_0.1	AI_TP127	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP13_0.1	AI_TP13	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP13_0.3	AI_TP13	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP132_0.1	AI_TP132	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP132_0.3	AI_TP132	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP133_0.1	AI_TP133	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP133_0.3	AI_TP133	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP134_0.1	AI_TP134	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP134_0.3	AI_TP134	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP135_0.1	AI_TP135	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP135_0.3	AI_TP135	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP136_0.1	AI_TP136	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP136_0.3	AI_TP136	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP137_0.1	AI_TP137	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP137_0.3	AI_TP137	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																																
AI_TP138_0.1	AI_TP138	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP138_0.3	AI_TP138	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP139_0.1	AI_TP139	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP139_0.3	AI_TP139	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP14_0.1	AI_TP14	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP14_0.4	AI_TP14	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP140_0.1	AI_TP140	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP140_0.3	AI_TP140	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP141_0.1	AI_TP141	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP141_0.3	AI_TP141	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP142_0.3	AI_TP142	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP142_0.1	AI_TP142	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP143_0.3	AI_TP143	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP143_0.1	AI_TP143	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP144_0.2	AI_TP144	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP144_0.1	AI_TP144	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP144_0.2	AI_TP144	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP145_0.3	AI_TP145	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP145_0.1	AI_TP145	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP146_0.3	AI_TP146	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP146_0.1	AI_TP146	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP147_0.3	AI_TP147	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP147_0.1	AI_TP147	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP148_0.3	AI_TP148	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP148_0.1	AI_TP148	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP149_0.3	AI_TP149	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP149_0.1	AI_TP149	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP15-0.1	AI_TP15	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP15-0.3	AI_TP15	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP150_0.1	AI_TP150	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP150_0.3	AI_TP150	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP151_0.1	AI_TP151	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP151_0.3	AI_TP151	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP152_0.1	AI_TP152	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP152_0.3	AI_TP152	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP158_0.1	AI_TP158	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP158_0.3	AI_TP158	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP16_0.1	AI_TP16	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP16_0.3	AI_TP16	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP160_0.3	AI_TP160	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP163_0.1	AI_TP163	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP163_0.3	AI_TP163	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP164_0.1	AI_TP164	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP164_0.4	AI_TP164	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP165_0.1	AI_TP165	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP165_0.3	AI_TP165	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP166_0.1	AI_TP166	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP166_0.3	AI_TP166	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																														
AI_TP167_0.1	AI_TP167	27/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<5	-	-	-	-	-	-	-	<1	-	<1	-	-	<1	<1
AI_TP167_0.3	AI_TP167	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP168_0.1	AI_TP168	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP168_0.3	AI_TP168	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP169_0.1	AI_TP169	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP169_0.3	AI_TP169	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP170_0.1	AI_TP170	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP170_0.3	AI_TP170	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP171_0.1	AI_TP171	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP171_0.3	AI_TP171	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP172_0.1	AI_TP172	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP172_0.3	AI_TP172	27/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<2.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP173_0.1	AI_TP173	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP173_0.4	AI_TP173	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP176_0.1	AI_TP176	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP176_0.3	AI_TP176	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP177_0.1	AI_TP177	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP177_0.4	AI_TP177	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP178_0.1	AI_TP178	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP178_0.4	AI_TP178	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP179_0.1	AI_TP179	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP179_0.4	AI_TP179	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP18_0.2	AI_TP18	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP181_0.1	AI_TP181	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP181_0.3	AI_TP181	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP182_0.1	AI_TP182	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP182_0.3	AI_TP182	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP183_0.1	AI_TP183	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP183_0.3	AI_TP183	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP184_0.1	AI_TP184	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP184_0.4	AI_TP184	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP186_0.1	AI_TP186	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5
AI_TP186_0.3	AI_TP186	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5
AI_TP187_0.1	AI_TP187	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	<0.5	<0.5	-	-	<0.5	-	<1	-	<0.5	<0.5	<0.5
AI_TP187_0.3	AI_TP187	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5
AI_TP188_0.1	AI_TP188	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5
AI_TP188_0.3	AI_TP188	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP189_0.1	AI_TP189	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP189_0.3	AI_TP189	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP19_0.1	AI_TP19	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP19_0.3	AI_TP19	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP193_0.1	AI_TP193	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP193_0.3	AI_TP193	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP194_0.1	AI_TP194	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP194_0.3	AI_TP194	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP195_0.1	AI_TP195	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP195_0.3	AI_TP195	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP196_0.1	AI_TP196	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP196_0.3	AI_TP196	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP197_0.1	AI_TP197	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP197_0.4	AI_TP197	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP20_0.1	AI_TP20	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP20_0.4	AI_TP20	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP200_0.1	AI_TP200	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP200_0.3	AI_TP200	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP201_0.1	AI_TP201	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																																
AI_TP201_0.3	AI_TP201	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP202_0.1	AI_TP202	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP202_0.3	AI_TP202	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP203_0.1	AI_TP203	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP203_0.3	AI_TP203	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP204_0.1	AI_TP204	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP204_0.3	AI_TP204	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP205_0.1	AI_TP205	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5
AI_TP205_0.3	AI_TP205	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5
AI_TP208_0.1	AI_TP208	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP208_0.3	AI_TP208	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP209_0.1	AI_TP209	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP209_0.3	AI_TP209	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP21_0.1	AI_TP21	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP21_0.3	AI_TP21	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP210_0.1	AI_TP210	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP210_0.3	AI_TP210	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP211_0.1	AI_TP211	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP211_0.3	AI_TP211	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP212_0.1	AI_TP212	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP212_0.3	AI_TP212	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP213_0.1	AI_TP213	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP213_0.3	AI_TP213	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP214_0.1	AI_TP214	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP214_0.3	AI_TP214	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP215_0.1	AI_TP215	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5
AI_TP215_0.3	AI_TP215	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5
AI_TP216_0.1	AI_TP216	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP216_0.4	AI_TP216	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP217_0.1	AI_TP217	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP217_0.3	AI_TP217	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP218_0.1	AI_TP218	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP218_0.3	AI_TP218	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP219_0.1	AI_TP219	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP219_0.3	AI_TP219	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP22_0.1	AI_TP22	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP22_0.3	AI_TP22	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP220_0.1	AI_TP220	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP220_0.3	AI_TP220	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP221_0.1	AI_TP221	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP221_0.3	AI_TP221	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP222_0.1	AI_TP222	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP222_0.3	AI_TP222	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP223_0.1	AI_TP223	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP223_0.3	AI_TP223	2/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																																
AI_TP224_0.1	AI_TP224	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<1	<0.5	-	<0.5	<0.5
AI_TP224_0.3	AI_TP224	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	-	<1	-	<0.5	<0.5	<0.5
AI_TP225_0.1	AI_TP225	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP225_0.4	AI_TP225	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP226_0.1	AI_TP226	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	<0.5	<0.5	<0.5
AI_TP226_0.3	AI_TP226	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP227_0.1	AI_TP227	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	-	<1	-	<1	<0.5	-	<0.5	<0.5
AI_TP227_0.3	AI_TP227	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP228_0.1	AI_TP228	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP228_0.3	AI_TP228	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP229_0.1	AI_TP229	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP229_0.3	AI_TP229	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-	<0.5	-	-	<0.5	<1	-	<1	-	-	<0.5	<0.5
AI_TP23_0.1	AI_TP23	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP23_0.4	AI_TP23	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP230_0.1	AI_TP230	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP230_0.3	AI_TP230	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	<0.5	-	<1	-	<1	-	<0.5	<0.5	<0.5
AI_TP231_0.1	AI_TP231	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	-	<1	-	<1	<0.5	-	<0.5	<0.5
AI_TP231_0.3	AI_TP231	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	<1	<0.5	-	<0.5	<0.5
AI_TP232_0.1	AI_TP232	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	-	<0.5	<0.5
AI_TP232_0.3	AI_TP232	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP233_0.1	AI_TP233	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP233_0.3	AI_TP233	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	-	<1	-	<1	<0.5	-	<0.5	<0.5
AI_TP234_0.1	AI_TP234	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	<0.5	<0.5
AI_TP234_0.3	AI_TP234	3/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	<1	<0.5	<1	-	<0.5	<0.5	<0.5
AI_TP235_0.1	AI_TP235	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP235_0.3	AI_TP235	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP236_0.1	AI_TP236	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP236_0.3	AI_TP236	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP237_0.1	AI_TP237	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP237_0.3	AI_TP237	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP238_0.1	AI_TP238	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP238_0.3	AI_TP238	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP239_0.1	AI_TP239	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP239_0.3	AI_TP239	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP24_0.1	AI_TP24	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP24_0.3	AI_TP24	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP240_0.1	AI_TP240	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP240_0.3	AI_TP240	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP242_0.1	AI_TP242	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP242_0.3	AI_TP242	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP243_0.1	AI_TP243	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP243_0.3	AI_TP243	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP244_0.1	AI_TP244	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP244_0.3	AI_TP244	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP245_0.1	AI_TP245	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP245_0.3	AI_TP245	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP246_0.1	AI_TP246	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP246_0.3	AI_TP246	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP247_0.1	AI_TP247	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP247_0.3	AI_TP247	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP248_0.1	AI_TP248	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																																
AI_TP248_0.3	AI_TP248	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP249_0.1	AI_TP249	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP249_0.3	AI_TP249	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP25_0.1	AI_TP25	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP25_0.3	AI_TP25	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP250_0.1	AI_TP250	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP250_0.3	AI_TP250	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP251_0.1	AI_TP251	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP251_0.3	AI_TP251	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP252_0.1	AI_TP252	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP252_0.3	AI_TP252	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP253_0.1	AI_TP253	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP253_0.3	AI_TP253	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP254_0.1	AI_TP254	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP254_0.3	AI_TP254	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP255_0.1	AI_TP255	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP255_0.3	AI_TP255	1/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP263_0.1	AI_TP263	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP263_0.3	AI_TP263	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP264_0.1	AI_TP264	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP264_0.3	AI_TP264	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP265_0.1	AI_TP265	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP265_0.3	AI_TP265	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP266_0.1	AI_TP266	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP266_0.3	AI_TP266	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP267_0.1	AI_TP267	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP267_0.3	AI_TP267	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP268_0.1	AI_TP268	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP268_0.3	AI_TP268	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP269_0.1	AI_TP269	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP269_0.3	AI_TP269	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP27_0.1	AI_TP27	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP27_0.4	AI_TP27	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP270_0.1	AI_TP270	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP270_0.3	AI_TP270	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP271_0.1	AI_TP271	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP271_0.3	AI_TP271	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP272_0.1	AI_TP272	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP272_0.3	AI_TP272	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP277_0.1	AI_TP277	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP277_0.3	AI_TP277	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP278_0.1	AI_TP278	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP278_0.3	AI_TP278	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP279_0.1	AI_TP279	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP279_0.3	AI_TP279	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																																
AI_TP28_0.1	AI_TP28	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP28_0.5	AI_TP28	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP280_0.1	AI_TP280	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP280_0.3	AI_TP280	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP281_0.1	AI_TP281	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP281_0.3	AI_TP281	29/10/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP29_0.1	AI_TP29	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP29_0.3	AI_TP29	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP30_0.1	AI_TP30	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP30_0.3	AI_TP30	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP31_0.1	AI_TP31	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP31_0.3	AI_TP31	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP32_0.1	AI_TP32	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP32_0.4	AI_TP32	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP33-0.1	AI_TP33	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP34-0.1	AI_TP34	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP35-0.1	AI_TP35	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP35-0.2	AI_TP35	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP36_0.1	AI_TP36	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP36_0.4	AI_TP36	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP36-0.1	AI_TP36	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP36-0.3	AI_TP36	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP37_0.1	AI_TP37	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP37_0.4	AI_TP37	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP39_0.1	AI_TP39	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP39_0.3	AI_TP39	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP40_0.1	AI_TP40	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP40_0.3	AI_TP40	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP41_0.1	AI_TP41	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP41_0.3	AI_TP41	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP42_0.1	AI_TP42	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP42_0.4	AI_TP42	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP43-0.1	AI_TP43	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP43-0.3	AI_TP43	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP45_0.1	AI_TP45	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP45_0.3	AI_TP45	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP46_0.1	AI_TP46	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP46_0.4	AI_TP46	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP47_0.1	AI_TP47	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP47_0.4	AI_TP47	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP48_0.1	AI_TP48	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP48_0.4	AI_TP48	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP49_0.1	AI_TP49	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP49_0.3	AI_TP49	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP50_0.1	AI_TP50	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP50_0.3	AI_TP50	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP51_0.1	AI_TP51	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP51_0.3	AI_TP51	4/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP54-0.1	AI_TP54	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP54-0.3	AI_TP54	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP55-0.1	AI_TP55	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP55-0.3	AI_TP55	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP56-0.1	AI_TP56	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP56-0.3	AI_TP56	9/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP58_0.1	AI_TP58	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP58_0.4	AI_TP58	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																																
AI_TP59_0.1	AI_TP59	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP59_0.4	AI_TP59	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP60_0.1	AI_TP60	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP60_0.5	AI_TP60	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP61_0.1	AI_TP61	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP61_0.4	AI_TP61	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP62_0.1	AI_TP62	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP62_0.4	AI_TP62	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP66_0.1	AI_TP66	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP66_0.4	AI_TP66	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP67_0.1	AI_TP67	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP67_0.4	AI_TP67	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP71_0.1	AI_TP71	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP71_0.4	AI_TP71	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP75_0.1	AI_TP75	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP75_0.4	AI_TP75	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP76_0.1	AI_TP76	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP76_0.4	AI_TP76	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP78_0.1	AI_TP78	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP78_0.3	AI_TP78	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP79_0.4	AI_TP79	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP80_0.4	AI_TP80	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP81_0.1	AI_TP81	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP81_0.4	AI_TP81	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP82_0.1	AI_TP82	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP82_0.3	AI_TP82	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP83_0.1	AI_TP83	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP83_0.3	AI_TP83	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP84_0.1	AI_TP84	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP84_0.3	AI_TP84	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP85_0.3	AI_TP85	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP86_0.1	AI_TP86	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP86_0.4	AI_TP86	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP88_0.1	AI_TP88	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP88_0.3	AI_TP88	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP89_0.1	AI_TP89	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5

WPCA,Aerotropolis

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	2-naphthylamine	Benzo(k)fluoranthene	2-nitroaniline	Chrysene	Dibenz(a,h)anthracene	2-Picoline	3,3-Dichlorobenzidine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
NEPM (1999) Management Limits - Urban residential & open space (fine)																																
NEPM (1999) HIL A - Residential (garden)																																
NEPM (1999) HSL A Residential - Asbestos																																
NEPM (1999) HIL C - Recreation																																
NEPM (1999) HSL C Recreation - Asbestos																																
NEPM (1999) HIL D - Commercial/Industrial																																
NEPM (1999) HSL D Comm/Indust - Asbestos																																
NEPM (1999) EIL - Urban Residential & Open Space																																
NEPM (1999) ESL - Urban Residential & Open Space (fine)																							0.7									
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																							0.7									
NEPM (1999) HSL B Residential - Asbestos																																
Field_ID	**LocCode**	**Sampled_Date-Time**																														
AI_TP89_0.3	AI_TP89	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP90_0.1	AI_TP90	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP90_0.3	AI_TP90	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP91_0.1	AI_TP91	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP91_0.3	AI_TP91	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP92_0.3	AI_TP92	15/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<1	<1
AI_TP92_0.5	AI_TP92	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP93_0.3	AI_TP93	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP93_0.1	AI_TP93	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP94_0.3	AI_TP94	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP94_0.1	AI_TP94	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP95_0.3	AI_TP95	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP95_0.1	AI_TP95	8/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP96_0.1	AI_TP96	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP96_0.3	AI_TP96	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<1	-	<1	-	-	<0.5	<0.5
AI_TP98_0.1	AI_TP98	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP98_0.3	AI_TP98	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
AI_TP99_0.3	AI_TP99	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<1	-	-	<0.5	<0.5
Statistical Summary																																
Number of Results			466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	14	18	10	16	15	14	16	466	18	466	9	5	466	466
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<1	<1
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.3	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.31	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.31	0.25	0.5	0.25	0.25	0.25	0.25
Median Concentration			0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25
Standard Deviation			0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.11	0.012	0.012	0.016	0.012	0.012	0	0.012	0.19	0	0	0	0	0	0	0	0.11	0	0	0	0	0.016	0.016
Number of Guideline Exceedances			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,5-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						
Field_ID	**LocCode**	**Sampled_Date-Time**																																						
A1_TP128_0.1	A1_TP128	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP128_0.3	A1_TP128	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP129_0.1	A1_TP129	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP129_0.3	A1_TP129	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP130_0.1	A1_TP130	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP130_0.3	A1_TP130	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP131_0.1	A1_TP131	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP131_0.3	A1_TP131	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP153_0.1	A1_TP153	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP153_0.3	A1_TP153	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP159_0.3	A1_TP159	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP256_0.1	A1_TP256	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP256_0.3	A1_TP256	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP257_0.1	A1_TP257	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP257_0.3	A1_TP257	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP258_0.1	A1_TP258	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP258_0.3	A1_TP258	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP259_0.1	A1_TP259	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP259_0.3	A1_TP259	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP260_0.1	A1_TP260	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP260_0.3	A1_TP260	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP262_0.1	A1_TP262	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP262_0.3	A1_TP262	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP303_0.1	A1_TP303	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
A1_TP303_0.3	A1_TP303	16/06/2022	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1

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	SVOC																																							
	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,6-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						

Field_ID	LocCode	Sampled_Date-Time																																						
AI_TP115_0.1	AI_TP115	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP115_0.3	AI_TP115	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP116_0.1	AI_TP116	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP117_0.1	AI_TP117	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP117_0.2	AI_TP117	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP118_0.1	AI_TP118	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP118_0.2	AI_TP118	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP119_0.3	AI_TP119	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP119_0.1	AI_TP119	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP12_0.1	AI_TP12	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP12_0.3	AI_TP12	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP120_0.3	AI_TP120	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP120_0.1	AI_TP120	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP121_0.3	AI_TP121	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP121_0.1	AI_TP121	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP122_0.3	AI_TP122	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP122_0.1	AI_TP122	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP123_0.3	AI_TP123	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP123_0.1	AI_TP123	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP124_0.3	AI_TP124	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP124_0.1	AI_TP124	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP125_0.3	AI_TP125	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP125_0.1	AI_TP125	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP126_0.3	AI_TP126	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP126_0.1	AI_TP126	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP127_0.3	AI_TP127	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP127_0.1	AI_TP127	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP13_0.1	AI_TP13	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP13_0.3	AI_TP13	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP132_0.1	AI_TP132	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP132_0.3	AI_TP132	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP133_0.1	AI_TP133	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP133_0.3	AI_TP133	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP134_0.1	AI_TP134	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP134_0.3	AI_TP134	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP135_0.1	AI_TP135	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP135_0.3	AI_TP135	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP136_0.1	AI_TP136	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP136_0.3	AI_TP136	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP137_0.1	AI_TP137	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP137_0.3	AI_TP137	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1

WPCA,Aerotropolis

	SVOC																																							
	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,6-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						

Field_ID	LocCode	Sampled_Date-Time																																						
AI_TP138_0.1	AI_TP138	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP138_0.3	AI_TP138	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP139_0.1	AI_TP139	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP139_0.3	AI_TP139	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP14_0.1	AI_TP14	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP14_0.4	AI_TP14	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP140_0.1	AI_TP140	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP140_0.3	AI_TP140	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP141_0.1	AI_TP141	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP141_0.3	AI_TP141	1/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP142_0.3	AI_TP142	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP142_0.1	AI_TP142	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP143_0.3	AI_TP143	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP143_0.1	AI_TP143	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP144_0.2	AI_TP144	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP144_0.1	AI_TP144	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP144_0.2	AI_TP144	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP145_0.3	AI_TP145	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP145_0.1	AI_TP145	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP146_0.3	AI_TP146	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP146_0.1	AI_TP146	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP147_0.3	AI_TP147	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP147_0.1	AI_TP147	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP148_0.3	AI_TP148	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP148_0.1	AI_TP148	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP149_0.3	AI_TP149	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP149_0.1	AI_TP149	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP15-0.1	AI_TP15	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP15-0.3	AI_TP15	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP150_0.1	AI_TP150	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP150_0.3	AI_TP150	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP151_0.1	AI_TP151	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP151_0.3	AI_TP151	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP152_0.1	AI_TP152	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP152_0.3	AI_TP152	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP158_0.1	AI_TP158	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP158_0.3	AI_TP158	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP16_0.1	AI_TP16	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP16_0.3	AI_TP16	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP160_0.3	AI_TP160	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP163_0.1	AI_TP163	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP163_0.3	AI_TP163	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP164_0.1	AI_TP164	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP164_0.4	AI_TP164	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP165_0.1	AI_TP165	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP165_0.3	AI_TP165	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP166_0.1	AI_TP166	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP166_0.3	AI_TP166	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1

WPCA,Aerotropolis

	SVOC																																							
	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,6-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						
Field_ID	**LocCode**	**Sampled_Date-Time**																																						
AI_TP167_0.1	AI_TP167	27/10/2021	-	-	-	-	<1	-	<1	-	<1	-	-	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<2	<2	<1	<1	<10	<1	<1	<1	<2	<2	<1	<1	<1
AI_TP167_0.3	AI_TP167	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP168_0.1	AI_TP168	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP168_0.3	AI_TP168	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP169_0.1	AI_TP169	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP169_0.3	AI_TP169	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP170_0.1	AI_TP170	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP170_0.3	AI_TP170	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP171_0.1	AI_TP171	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP171_0.3	AI_TP171	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP172_0.1	AI_TP172	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP172_0.3	AI_TP172	27/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP173_0.1	AI_TP173	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP173_0.4	AI_TP173	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP176_0.1	AI_TP176	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP176_0.3	AI_TP176	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP177_0.1	AI_TP177	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP177_0.4	AI_TP177	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP178_0.1	AI_TP178	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP178_0.4	AI_TP178	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP179_0.1	AI_TP179	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP179_0.4	AI_TP179	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP18_0.2	AI_TP18	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP181_0.1	AI_TP181	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP181_0.3	AI_TP181	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP182_0.1	AI_TP182	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP182_0.3	AI_TP182	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP183_0.1	AI_TP183	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP183_0.3	AI_TP183	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP184_0.1	AI_TP184	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP184_0.4	AI_TP184	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP186_0.1	AI_TP186	3/11/2021	-	-	<0.5	-	<0.5	-	<0.5	-	<0.5	-	1.2	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP186_0.3	AI_TP186	3/11/2021	<0.5	<0.5	-	-	<0.5	-	<0.5	-	<0.5	0.6	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP187_0.1	AI_TP187	3/11/2021	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP187_0.3	AI_TP187	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	1.2	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP188_0.1	AI_TP188	3/11/2021	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP188_0.3	AI_TP188	3/11/2021	-	-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP189_0.1	AI_TP189	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP189_0.3	AI_TP189	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP19_0.1	AI_TP19	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP19_0.3	AI_TP19	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP193_0.1	AI_TP193	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP193_0.3	AI_TP193	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP194_0.1	AI_TP194	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP194_0.3	AI_TP194	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP195_0.1	AI_TP195	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP195_0.3	AI_TP195	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP196_0.1	AI_TP196	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP196_0.3	AI_TP196	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP197_0.1	AI_TP197	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP197_0.4	AI_TP197	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP20_0.1	AI_TP20	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP20_0.4	AI_TP20	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP200_0.1	AI_TP200	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP200_0.3	AI_TP200	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP201_0.1	AI_TP201	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1

WPCA,Aerotropolis

	SVOC																																							
	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,6-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						
Field_ID	**LocCode**	**Sampled_Date-Time**																																						
AI_TP201_0.3	AI_TP201	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP202_0.1	AI_TP202	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP202_0.3	AI_TP202	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP203_0.1	AI_TP203	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP203_0.3	AI_TP203	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP204_0.1	AI_TP204	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP204_0.3	AI_TP204	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP205_0.1	AI_TP205	3/11/2021	-	-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP205_0.3	AI_TP205	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	0.6	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP208_0.1	AI_TP208	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP208_0.3	AI_TP208	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP209_0.1	AI_TP209	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP209_0.3	AI_TP209	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP21_0.1	AI_TP21	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP21_0.3	AI_TP21	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP210_0.1	AI_TP210	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP210_0.3	AI_TP210	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP211_0.1	AI_TP211	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP211_0.3	AI_TP211	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP212_0.1	AI_TP212	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP212_0.3	AI_TP212	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP213_0.1	AI_TP213	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP213_0.3	AI_TP213	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP214_0.1	AI_TP214	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP214_0.3	AI_TP214	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP215_0.1	AI_TP215	3/11/2021	-	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	-	1.2	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP215_0.3	AI_TP215	3/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP216_0.1	AI_TP216	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP216_0.4	AI_TP216	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP217_0.1	AI_TP217	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP217_0.3	AI_TP217	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP218_0.1	AI_TP218	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP218_0.3	AI_TP218	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP219_0.1	AI_TP219	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP219_0.3	AI_TP219	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP22_0.1	AI_TP22	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP22_0.3	AI_TP22	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP220_0.1	AI_TP220	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP220_0.3	AI_TP220	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP221_0.1	AI_TP221	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP221_0.3	AI_TP221	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP222_0.1	AI_TP222	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP222_0.3	AI_TP222	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP223_0.1	AI_TP223	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP223_0.3	AI_TP223	2/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1

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	SVOC																																					
	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,5-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						

Field_ID	LocCode	Sampled_Date-Time																																						
AI_TP28_0.1	AI_TP28	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP28_0.5	AI_TP28	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP280_0.1	AI_TP280	29/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP280_0.3	AI_TP280	29/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP281_0.1	AI_TP281	29/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP281_0.3	AI_TP281	29/10/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<2.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP29_0.1	AI_TP29	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP29_0.3	AI_TP29	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP30_0.1	AI_TP30	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP30_0.3	AI_TP30	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP31_0.1	AI_TP31	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP31_0.3	AI_TP31	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP32_0.1	AI_TP32	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP32_0.4	AI_TP32	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP33-0.1	AI_TP33	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP34-0.1	AI_TP34	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP35-0.1	AI_TP35	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP35-0.2	AI_TP35	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP36_0.1	AI_TP36	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP36_0.4	AI_TP36	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP36-0.1	AI_TP36	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP36-0.3	AI_TP36	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP37_0.1	AI_TP37	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP37_0.4	AI_TP37	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP39_0.1	AI_TP39	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP39_0.3	AI_TP39	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP40_0.1	AI_TP40	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP40_0.3	AI_TP40	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP41_0.1	AI_TP41	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP41_0.3	AI_TP41	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP42_0.1	AI_TP42	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP42_0.4	AI_TP42	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP43-0.1	AI_TP43	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP43-0.3	AI_TP43	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP45_0.1	AI_TP45	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP45_0.3	AI_TP45	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP46_0.1	AI_TP46	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP46_0.4	AI_TP46	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP47_0.1	AI_TP47	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP47_0.4	AI_TP47	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP48_0.1	AI_TP48	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP48_0.4	AI_TP48	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP49_0.1	AI_TP49	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP49_0.3	AI_TP49	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP50_0.1	AI_TP50	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP50_0.3	AI_TP50	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP51_0.1	AI_TP51	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP51_0.3	AI_TP51	4/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP54-0.1	AI_TP54	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP54-0.3	AI_TP54	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP55-0.1	AI_TP55	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP55-0.3	AI_TP55	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP56-0.1	AI_TP56	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP56-0.3	AI_TP56	9/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP58_0.1	AI_TP58	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP58_0.4	AI_TP58	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1

WPCA,Aerotropolis

	SVOC																																							
	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,6-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						
Field_ID	**LocCode**	**Sampled_Date-Time**																																						
AI_TP59_0.1	AI_TP59	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP59_0.4	AI_TP59	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP60_0.1	AI_TP60	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP60_0.5	AI_TP60	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP61_0.1	AI_TP61	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP61_0.4	AI_TP61	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP62_0.1	AI_TP62	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP62_0.4	AI_TP62	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP66_0.1	AI_TP66	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP66_0.4	AI_TP66	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP67_0.1	AI_TP67	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP67_0.4	AI_TP67	17/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP71_0.1	AI_TP71	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP71_0.4	AI_TP71	20/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP75_0.1	AI_TP75	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP75_0.4	AI_TP75	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP76_0.1	AI_TP76	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP76_0.4	AI_TP76	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP78_0.1	AI_TP78	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP78_0.3	AI_TP78	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP79_0.4	AI_TP79	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP80_0.4	AI_TP80	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP81_0.1	AI_TP81	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP81_0.4	AI_TP81	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP82_0.1	AI_TP82	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP82_0.3	AI_TP82	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP83_0.1	AI_TP83	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP83_0.3	AI_TP83	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP84_0.1	AI_TP84	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP84_0.3	AI_TP84	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP85_0.3	AI_TP85	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP86_0.1	AI_TP86	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP86_0.4	AI_TP86	21/12/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP88_0.1	AI_TP88	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP88_0.3	AI_TP88	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP89_0.1	AI_TP89	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1

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	SVOC																																					
	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	4-(dimethylamino) azobenzene	Phenanthrene	4,4-DDE	Pyrene	4-aminobiphenyl	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	4-bromophenyl phenyl ether	Benzo(a)pyrene TEQ calc (Zero)	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,5-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	1	1	0.5	0.5	5	0.5	0.5	0.2	1	0.4	0.5	0.5	1
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m				5																																		
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m				NL																																		
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m				NL																																		
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																						
NEPM (1999) Management Limits - Urban residential & open spa																																						
NEPM (1999) HIL A - Residential (garden)													3																									
NEPM (1999) HSL A Residential - Asbestos																																						
NEPM (1999) HIL C - Recreation													3																									
NEPM (1999) HSL C Recreation - Asbestos																																						
NEPM (1999) HIL D - Commercial/Industrial													40																									
NEPM (1999) HSL D Comm/Indust - Asbestos																																						
NEPM (1999) EIL - Urban Residential & Open Space				170																																		180
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																						
NEPM (1999) EIL - Commercial/Industrial				370																																		640
NEPM (1999) ESL - Commercial/Industrial (fine)																																						
NEPM (1999) HSL B Residential - Asbestos																																						
Field_ID	**LocCode**	**Sampled_Date-Time**																																					
AI_TP89_0.3	AI_TP89	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP90_0.1	AI_TP90	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP90_0.3	AI_TP90	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP91_0.1	AI_TP91	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP91_0.3	AI_TP91	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP92_0.3	AI_TP92	15/11/2021	-	-	-	-	<1	-	<1	-	<1	-	-	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
AI_TP92_0.5	AI_TP92	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP93_0.3	AI_TP93	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP93_0.1	AI_TP93	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP94_0.3	AI_TP94	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP94_0.1	AI_TP94	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP95_0.3	AI_TP95	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP95_0.1	AI_TP95	8/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP96_0.1	AI_TP96	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP96_0.3	AI_TP96	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP98_0.1	AI_TP98	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP98_0.3	AI_TP98	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
AI_TP99_0.3	AI_TP99	15/11/2021	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
Statistical Summary																																						
Number of Results			11	18	14	11	466	6	466	5	466	19	21	466	14	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466
Number of Detects			0	0	0	0	0	0	0	0	0	19	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<1	<0.4	<0.5	<0.5	<1
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<1	0.6	1.2	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<2	<2	<1	<2.5	<10	<1	<1	<1	<2	<2	<1	<1	<1
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	1.2	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.26	0.5	0.5	0.25	0.31	2.5	0.25	0.25	0.1	0.5	0.2	0.25	0.25	0.5
Median Concentration			0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	1.2	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.5	0.5	0.25	0.25	2.5	0.25	0.25	0.1	0.5	0.2	0.25	0.25	0.5
Standard Deviation			0	0	0	0	0.016	0	0.016	0	0.016	0	0	0.016	0	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0	0.016	0.048	0.023	0.023	0.012	0.25	0.12	0.012	0.012	0.02	0.023	0.04	0.016	0.016	0
Number of Guideline Exceedances			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WPCA,Aerotropolis

	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																																
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NEPM (1999) HIL A - Residential (garden)					100				3000							10				6		10				300																						
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation					120				40000							20				10		10				400																						
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial					660				240000							100				50		80				2500																						
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WPCA,Aerotropolis

	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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NEPM (1999) HIL A - Residential (garden)					100				3000							10				6		10				300																						
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WPCA,Aerotropolis

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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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| Field_ID | LocCode | Sampled_Date-Time | | | | | | | | | | | | | | | | | | |

WPCA,Aerotropolis

	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																																
NEPM (1999) Management Limits - Urban residential & open spa																																																
NEPM (1999) HIL A - Residential (garden)					100				3000							10				6		10				300																						
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation					120				40000							20				10		10				400																						
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial					660				240000							100				50		80				2500																						
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space																																															
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																															
NEPM (1999) EIL - Commercial/Industrial																																															
NEPM (1999) ESL - Commercial/Industrial (fine)																																															
NEPM (1999) HSL B Residential - Asbestos																																															
Field_ID	LocCode	Sampled_Date-Time																																															
AI_TP224_0.1	AI_TP224	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP224_0.3	AI_TP224	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP225_0.1	AI_TP225	17/12/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP225_0.4	AI_TP225	17/12/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP226_0.1	AI_TP226	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP226_0.3	AI_TP226	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP227_0.1	AI_TP227	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP227_0.3	AI_TP227	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP228_0.1	AI_TP228	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP228_0.3	AI_TP228	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP229_0.1	AI_TP229	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP229_0.3	AI_TP229	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP23_0.1	AI_TP23	17/12/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP23_0.4	AI_TP23	17/12/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP230_0.1	AI_TP230	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP230_0.3	AI_TP230	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP231_0.1	AI_TP231	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP231_0.3	AI_TP231	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP232_0.1	AI_TP232	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP232_0.3	AI_TP232	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP233_0.1	AI_TP233	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP233_0.3	AI_TP233	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP234_0.1	AI_TP234	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP234_0.3	AI_TP234	3/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP235_0.1	AI_TP235	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP235_0.3	AI_TP235	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP236_0.1	AI_TP236	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP236_0.3	AI_TP236	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP237_0.1	AI_TP237	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP237_0.3	AI_TP237	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP238_0.1	AI_TP238	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP238_0.3	AI_TP238	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP239_0.1	AI_TP239	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP239_0.3	AI_TP239	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP24_0.1	AI_TP24	17/12/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP24_0.3	AI_TP24	17/12/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP240_0.1	AI_TP240	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP240_0.3	AI_TP240	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP242_0.1	AI_TP242	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP242_0.3	AI_TP242	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP243_0.1	AI_TP243	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP243_0.3	AI_TP243	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
AI_TP244_0.1	AI_TP244	1/11/2021	<5	<1	<0.5	<5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

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	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																																
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NEPM (1999) Management Limits - Commercial/Industrial (fine)																																																
NEPM (1999) Management Limits - Urban residential & open spa																																																
NEPM (1999) HIL A - Residential (garden)					100				3000							10				6		10				300																						
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation					120				40000							20				10		10				400																						
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial					660				240000							100				50		80				2500																						
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space																																															
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																															
NEPM (1999) EIL - Commercial/Industrial																																															
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NEPM (1999) HSL B Residential - Asbestos																																															

| Field_ID | LocCode | Sampled_Date-Time | | | | | | | | | | | | | | | | | | |

WPCA,Aerotropolis

	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																																
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NEPM (1999) Management Limits - Commercial/Industrial (fine)																																																
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NEPM (1999) HIL A - Residential (garden)					100				3000							10				6		10				300																						
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation					120				40000							20				10		10				400																						
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NEPM (1999) HIL D - Commercial/Industrial					660				240000							100				50		80				2500																						
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| Field_ID | LocCode | Sampled_Date-Time | | | | | | | | | | | | | | | | | | |

WPCA,Aerotropolis

	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																																
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NEPM (1999) HIL A - Residential (garden)					100				3000							10				6		10				300																						
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NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial					660				240000							100				50		80				2500																						
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space																																															
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																															
NEPM (1999) EIL - Commercial/Industrial																																															
NEPM (1999) ESL - Commercial/Industrial (fine)																																															
NEPM (1999) HSL B Residential - Asbestos																																															

| Field_ID | LocCode | Sampled_Date-Time | | | | | | | | | | | | | | | | | | |

WPCA,Aerotropolis

	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	0.5	5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																																																
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																																																
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																																																
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																																
NEPM (1999) Management Limits - Urban residential & open spa																																																
NEPM (1999) HIL A - Residential (garden)					100				3000							10				6		10				300																						
NEPM (1999) HSL A Residential - Asbestos																																																
NEPM (1999) HIL C - Recreation					120				40000							20				10		10				400																						
NEPM (1999) HSL C Recreation - Asbestos																																																
NEPM (1999) HIL D - Commercial/Industrial					660				240000							100				50		80				2500																						
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space																																															
NEPM (1999) ESL - Urban Residential & Open Space (fine)																																															
NEPM (1999) EIL - Commercial/Industrial																																															
NEPM (1999) ESL - Commercial/Industrial (fine)																																															
NEPM (1999) HSL B Residential - Asbestos																																															

| Field_ID | LocCode | Sampled_Date-Time | | | | | | | | | | | | | | | | | | |

WPCA,Aerotropolis

	VOC																																								Volatile						
	1,2-dichloropropane	1,3,5-trimethylbenzene	1,3-dichlorobenzene	1,3-dichloropropane	1,4-dichlorobenzene	Methyl Ethyl Ketone	4-chlorotoluene	4-Methyl-2-pentanone	Acetone	Allyl chloride	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Iodomethane	Isopropylbenzene	Styrene	Trichloroethene	Tetrachloroethene	Toluene	Ethylbenzene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Xylene (m & p)	Xylene (o)	Xylene Total	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m											0.7																							480	NL						110	0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m											1																							NL	NL						310	1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m											NL																							NL	NL						NL	NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m											NL																							NL	NL						NL	NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											4																							NL	NL						NL	4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											6																							NL	NL						NL	6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																															
NEPM (1999) Management Limits - Urban residential & open spa																																															
NEPM (1999) HIL A - Residential (garden)																																															
NEPM (1999) HSL A Residential - Asbestos																																															
NEPM (1999) HIL C - Recreation																																															
NEPM (1999) HSL C Recreation - Asbestos																																															
NEPM (1999) HIL D - Commercial/Industrial																																															
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space																																															
NEPM (1999) ESL - Urban Residential & Open Space (fine)											65																							105	125						45	65	105	125			45
NEPM (1999) EIL - Commercial/Industrial																																															
NEPM (1999) ESL - Commercial/Industrial (fine)											95																							135	185						95	95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																															

Field_ID	LocCode	Sampled_Date-Time																																															
A1_TP128_0.1	A1_TP128	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP128_0.3	A1_TP128	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP129_0.1	A1_TP129	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP129_0.3	A1_TP129	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP130_0.1	A1_TP130	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP130_0.3	A1_TP130	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP131_0.1	A1_TP131	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP131_0.3	A1_TP131	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP153_0.1	A1_TP153	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP153_0.3	A1_TP153	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP159_0.3	A1_TP159	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP256_0.1	A1_TP256	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP256_0.3	A1_TP256	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP257_0.1	A1_TP257	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP257_0.3	A1_TP257	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP258_0.1	A1_TP258	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP258_0.3	A1_TP258	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP259_0.1	A1_TP259	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP259_0.3	A1_TP259	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP260_0.1	A1_TP260	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP260_0.3	A1_TP260	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP262_0.1	A1_TP262	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP262_0.3	A1_TP262	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP303_0.1	A1_TP303	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
A1_TP303_0.3	A1_TP303	16/06/2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3

WPCA,Aerotropolis

	VOC																																						Volatile					
	1,2-dichloropropane	1,3,5-trimethylbenzene	1,3-dichlorobenzene	1,3-dichloropropane	1,4-dichlorobenzene	Methyl Ethyl Ketone	4-chlorotoluene	4-Methyl-2-pentanone	Acetone	Allyl chloride	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Iodomethane	Isopropylbenzene	Styrene	Trichloroethene	Tetrachloroethene	Toluene	Ethylbenzene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Xylene (m & p)	Xylene (o)	Xylene Total	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m											0.7																							480	NL						110	0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m											1																							NL	NL						310	1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m											NL																							NL	NL						NL	NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m											NL																							NL	NL						NL	NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											4																							NL	NL						NL	4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											6																							NL	NL						NL	6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																															
NEPM (1999) Management Limits - Urban residential & open spa																																															
NEPM (1999) HIL A - Residential (garden)																																															
NEPM (1999) HSL A Residential - Asbestos																																															
NEPM (1999) HIL C - Recreation																																															
NEPM (1999) HSL C Recreation - Asbestos																																															
NEPM (1999) HIL D - Commercial/Industrial																																															
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space																																															
NEPM (1999) ESL - Urban Residential & Open Space (fine)											65																							105	125						45	65	105	125			45
NEPM (1999) EIL - Commercial/Industrial																																															
NEPM (1999) ESL - Commercial/Industrial (fine)											95																							135	185						95	95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																															

| Field_ID | LocCode | Sampled_Date-Time | | | | | | | | | | | | | | | | | | |

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	VOC																																						Volatile					
	1,2-dichloropropane	1,3,5-trimethylbenzene	1,3-dichlorobenzene	1,3-dichloropropane	1,4-dichlorobenzene	Methyl Ethyl Ketone	4-chlorotoluene	4-Methyl-2-pentanone	Acetone	Allyl chloride	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Iodomethane	Isopropylbenzene	Styrene	Trichloroethene	Tetrachloroethene	Toluene	Ethylbenzene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Xylene (m & p)	Xylene (o)	Xylene Total	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.3
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m											0.7																							480	NL						110	0.7	480	NL			110
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m											1																							NL	NL						310	1	NL	NL			310
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m											NL																							NL	NL						NL	NL	NL	NL			NL
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m											NL																							NL	NL						NL	NL	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											4																							NL	NL						NL	4	NL	NL			NL
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											6																							NL	NL						NL	6	NL	NL			NL
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																															
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NEPM (1999) HIL A - Residential (garden)																																															
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NEPM (1999) HIL C - Recreation																																															
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NEPM (1999) HIL D - Commercial/Industrial																																															
NEPM (1999) HSL D Comm/Indust - Asbestos																																															
NEPM (1999) EIL - Urban Residential & Open Space																																															
NEPM (1999) ESL - Urban Residential & Open Space (fine)											65																							105	125						45	65	105	125			45
NEPM (1999) EIL - Commercial/Industrial																																															
NEPM (1999) ESL - Commercial/Industrial (fine)											95																							135	185						95	95	135	185			95
NEPM (1999) HSL B Residential - Asbestos																																															

Field_ID	LocCode	Sampled_Date-Time																																															
AI_TP59_0.1	AI_TP59	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP59_0.4	AI_TP59	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP60_0.1	AI_TP60	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP60_0.5	AI_TP60	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP61_0.1	AI_TP61	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP61_0.4	AI_TP61	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP62_0.1	AI_TP62	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP62_0.4	AI_TP62	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP66_0.1	AI_TP66	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP66_0.4	AI_TP66	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP67_0.1	AI_TP67	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP67_0.4	AI_TP67	17/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP71_0.1	AI_TP71	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP71_0.4	AI_TP71	20/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP75_0.1	AI_TP75	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP75_0.4	AI_TP75	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP76_0.1	AI_TP76	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP76_0.4	AI_TP76	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP78_0.1	AI_TP78	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP78_0.3	AI_TP78	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP79_0.4	AI_TP79	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP80_0.4	AI_TP80	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP81_0.1	AI_TP81	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP81_0.4	AI_TP81	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP82_0.1	AI_TP82	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP82_0.3	AI_TP82	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP83_0.1	AI_TP83	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP83_0.3	AI_TP83	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP84_0.1	AI_TP84	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP84_0.3	AI_TP84	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP85_0.3	AI_TP85	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP86_0.1	AI_TP86	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP86_0.4	AI_TP86	21/12/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP88_0.1	AI_TP88	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP88_0.3	AI_TP88	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3
AI_TP89_0.1	AI_TP89	15/11/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3

WPCA,Aerotropolis

| | VOC | | |

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
A1_TP128_0.1	A1_TP128	16/06/2022	1	1	125	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.8	<0.4	17	22	28	<0.1	11	32
A1_TP128_0.3	A1_TP128	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	<0.4	23	26	30	<0.1	13	40
A1_TP129_0.1	A1_TP129	16/06/2022	1	1	161	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6	<0.4	20	20	18	<0.1	10	45
A1_TP129_0.3	A1_TP129	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	<0.4	25	33	23	<0.1	16	56
A1_TP130_0.1	A1_TP130	16/06/2022	1	1	68	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.3	<0.4	19	28	21	<0.1	13	63
A1_TP130_0.3	A1_TP130	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	17	26	12	<0.1	8.3	40
A1_TP131_0.1	A1_TP131	16/06/2022	1	1	172	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9	<0.4	17	24	24	<0.1	13	47
A1_TP131_0.3	A1_TP131	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	21	26	21	<0.1	12	41
A1_TP153_0.1	A1_TP153	16/06/2022	1	1	203	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.9	<0.4	16	17	25	<0.1	13	42
A1_TP153_0.3	A1_TP153	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	16	16	20	<0.1	12	29
A1_TP159_0.3	A1_TP159	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	34	29	37	<0.1	15	52
A1_TP256_0.1	A1_TP256	16/06/2022	1	1	178	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	26	19	26	<0.1	9.2	34
A1_TP256_0.3	A1_TP256	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	<0.4	48	21	36	<0.1	12	36
A1_TP257_0.1	A1_TP257	16/06/2022	1	1	200	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.7	<0.4	16	14	25	<0.1	9.4	32
A1_TP257_0.3	A1_TP257	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	<0.4	17	16	21	<0.1	8.9	19
A1_TP258_0.1	A1_TP258	16/06/2022	1	1	205	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.4	<0.4	18	17	21	<0.1	13	31
A1_TP258_0.3	A1_TP258	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	<0.4	16	14	15	<0.1	11	25
A1_TP259_0.1	A1_TP259	16/06/2022	1	1	260	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.7	<0.4	20	23	30	<0.1	12	43
A1_TP259_0.3	A1_TP259	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	<0.4	17	17	18	<0.1	12	24
A1_TP260_0.1	A1_TP260	16/06/2022	1	1	196	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5	<0.4	14	8.1	20	<0.1	5.3	21
A1_TP260_0.3	A1_TP260	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	34	15	45	<0.1	9.6	25
A1_TP262_0.1	A1_TP262	16/06/2022	1	1	186	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.4	<0.4	14	10	14	<0.1	9.2	19
A1_TP262_0.3	A1_TP262	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	<0.4	19	17	18	<0.1	10	21
A1_TP303_0.1	A1_TP303	16/06/2022	1	1	203	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	20	25	32	<0.1	18	67
A1_TP303_0.3	A1_TP303	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	22	16	31	<0.1	18	72
A1_TP305_0.1	A1_TP305	16/06/2022	1	1	108	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	22	18	29	<0.1	11	56
A1_TP305_0.3	A1_TP305	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	31	22	24	<0.1	13	40
A1_TP315_0.1	A1_TP315	16/06/2022	1	1	131	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.2	<0.4	14	15	21	<0.1	10	50
A1_TP315_0.3	A1_TP315	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	<0.4	21	23	26	<0.1	19	55
A1_TP36_0.1	A1_TP36	16/06/2022	1	1	214	0	1	1	0	0	0	0	0	0	0	-	1	1	0	7.9	<0.4	21	15	18	<0.1	7.9	27
A1_TP36_0.3	A1_TP36	16/06/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	<0.4	41	15	34	<0.1	9.9	25

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP02-0.1	AI_TP02	9/11/2021	1	1	668	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.4	<0.4	16	13	13	<0.1	8.1	21
AI_TP02-0.3	AI_TP02	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	<0.4	15	17	8.9	<0.1	8.4	29
AI_TP03-0.1	AI_TP03	9/11/2021	1	1	680	0	1	1	0	0	0	0	0	0	0	0	1	1	0	7.1	<0.4	14	12	20	<0.1	8.6	31
AI_TP03-0.3	AI_TP03	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	<0.4	17	20	11	<0.1	8.9	37
AI_TP05_0.1	AI_TP05	4/11/2021	1	1	677	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5	<0.4	12	15	10	<0.1	7.3	26
AI_TP05_0.3	AI_TP05	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	<0.4	17	22	12	<0.1	11	35
AI_TP06_0.3	AI_TP06	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	<0.4	18	18	9.9	<0.1	8.1	29
AI_TP06_0.1	AI_TP06	17/12/2021	1	1	594	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.7	<0.4	13	6.9	11	<0.1	5.3	10
AI_TP08_0.1	AI_TP08	4/11/2021	1	1	633	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.7	<0.4	13	10	14	<0.1	8.2	18
AI_TP08_0.3	AI_TP08	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	<0.4	18	24	14	<0.1	12	40
AI_TP09_0.1	AI_TP09	17/12/2021	1	1	35	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.2	<0.4	10	9	14	<0.1	6.9	18
AI_TP09_0.4	AI_TP09	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<0.4	16	19	11	<0.1	8.6	29
AI_TP100_0.1	AI_TP100	15/11/2021	1	1	425	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8	<0.4	15	16	19	<0.1	9	32
AI_TP100_0.3	AI_TP100	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	<0.4	18	23	18	<0.1	12	32
AI_TP101_0.1	AI_TP101	15/11/2021	1	1	454	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	66	51	27	0.1	61	98
AI_TP101_0.3	AI_TP101	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	<0.4	39	37	17	<0.1	43	72
AI_TP102_0.3	AI_TP102	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	28	28	24	<0.1	12	41
AI_TP102_0.1	AI_TP102	8/11/2021	1	1	501	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	29	24	27	<0.1	14	44
AI_TP103_0.3	AI_TP103	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	<0.4	40	27	24	<0.1	10	37
AI_TP103_0.1	AI_TP103	8/11/2021	1	1	523	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.6	<0.4	28	28	32	<0.1	9.3	41
AI_TP104_0.5	AI_TP104	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	<0.4	57	41	38	<0.1	17	70
AI_TP104_0.1	AI_TP104	8/11/2021	1	1	615	0	1	1	0	0	0	0	0	0	0	1	1	1	0	21	<0.4	63	21	45	<0.1	17	61
AI_TP105_0.1	AI_TP105	20/12/2021	1	1	532	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	24	11	24	<0.1	8	24
AI_TP105_0.4	AI_TP105	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	<0.4	23	22	17	<0.1	8.6	36
AI_TP107_0.1	AI_TP107	15/11/2021	1	1	541	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.8	<0.4	15	21	17	<0.1	12	39
AI_TP107_0.3	AI_TP107	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	26	22	13	<0.1	18	46
AI_TP108_0.1	AI_TP108	20/12/2021	1	1	606	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	34	38	27	<0.1	30	73
AI_TP108_0.5	AI_TP108	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	<0.4	13	21	6.7	<0.1	9.8	53
AI_TP109_0.1	AI_TP109	15/11/2021	1	1	382	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.7	<0.4	19	26	22	<0.1	15	63
AI_TP109_0.3	AI_TP109	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	<0.4	22	50	18	<0.1	19	86
AI_TP11-0.1	AI_TP11	9/11/2021	1	1	48	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.8	<0.4	15	21	11	<0.1	8.7	28
AI_TP110_0.1	AI_TP110	15/11/2021	1	1	387	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.3	<0.4	26	23	25	<0.1	13	44
AI_TP110_0.3	AI_TP110	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.9	<0.4	32	42	24	<0.1	17	67
AI_TP111_0.3	AI_TP111	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	<0.4	24	27	28	<0.1	10	38
AI_TP111_0.1	AI_TP111	8/11/2021	1	1	255	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	39	27	38	<0.1	11	53
AI_TP112_0.3	AI_TP112	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	26	32	20	<0.1	8.9	43

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP112_0.1	AI_TP112	8/11/2021	1	1	397	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	27	20	27	<0.1	11	47
AI_TP113_0.3	AI_TP113	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	22	23	30	<0.1	10	29
AI_TP113_0.1	AI_TP113	8/11/2021	1	1	459	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.9	<0.4	23	13	24	<0.1	7.9	24
AI_TP115_0.1	AI_TP115	15/11/2021	1	1	271	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.1	<0.4	18	14	18	<0.1	13	18
AI_TP115_0.3	AI_TP115	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	28	23	22	<0.1	20	47
AI_TP116_0.1	AI_TP116	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	22	19	24	<0.1	13	29
AI_TP117_0.1	AI_TP117	8/11/2021	1	1	438	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	22	40	24	<0.1	22	96
AI_TP117_0.2	AI_TP117	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	25	36	21	<0.1	21	96
AI_TP118_0.1	AI_TP118	8/11/2021	1	1	327	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.8	<0.4	17	23	23	<0.1	15	47
AI_TP118_0.2	AI_TP118	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	25	35	26	<0.1	15	52
AI_TP119_0.3	AI_TP119	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	23	25	23	<0.1	10	37
AI_TP119_0.1	AI_TP119	8/11/2021	1	1	334	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	27	24	29	<0.1	17	62
AI_TP12_0.1	AI_TP12	4/11/2021	1	1	615	0	1	1	0	0	0	0	0	0	0	1	1	1	0	15	<0.4	22	22	25	<0.1	18	50
AI_TP12_0.3	AI_TP12	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	<0.4	20	28	14	<0.1	12	40
AI_TP120_0.3	AI_TP120	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	<0.4	31	24	23	<0.1	7.1	33
AI_TP120_0.1	AI_TP120	8/11/2021	1	1	295	0	1	1	0	0	0	0	0	0	0	1	1	1	0	18	<0.4	35	21	34	<0.1	8.9	45
AI_TP121_0.3	AI_TP121	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	26	33	21	<0.1	15	54
AI_TP121_0.1	AI_TP121	8/11/2021	1	1	381	0	1	1	0	0	0	0	0	0	0	1	1	1	0	21	<0.4	31	45	35	<0.1	29	91
AI_TP122_0.3	AI_TP122	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	26	21	16	<0.1	18	43
AI_TP122_0.1	AI_TP122	8/11/2021	1	1	357	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	20	18	21	<0.1	16	46
AI_TP123_0.3	AI_TP123	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<0.4	23	26	16	<0.1	21	46
AI_TP123_0.1	AI_TP123	8/11/2021	1	1	543	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.4	<0.4	28	48	33	<0.1	57	170
AI_TP124_0.3	AI_TP124	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	26	28	24	<0.1	25	63
AI_TP124_0.1	AI_TP124	8/11/2021	1	1	423	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.3	<0.4	21	22	28	<0.1	16	46
AI_TP125_0.3	AI_TP125	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	<0.4	25	34	17	<0.1	11	40

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP125_0.1	AI_TP125	8/11/2021	1	1	441	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.1	<0.4	21	27	17	<0.1	11	36
AI_TP126_0.3	AI_TP126	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	<0.4	18	30	20	<0.1	19	64
AI_TP126_0.1	AI_TP126	8/11/2021	1	1	356	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	22	29	27	<0.1	17	54
AI_TP127_0.3	AI_TP127	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	41	34	27	<0.1	26	65
AI_TP127_0.1	AI_TP127	8/11/2021	1	1	378	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.8	<0.4	32	25	25	<0.1	24	50
AI_TP13_0.1	AI_TP13	4/11/2021	1	1	664	0	1	1	0	0	0	0	0	0	0	1	1	1	0	16	<0.4	23	12	22	<0.1	10	27
AI_TP13_0.3	AI_TP13	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	24	25	12	<0.1	10	44
AI_TP132_0.1	AI_TP132	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	29	36	25	<0.1	21	64
AI_TP132_0.3	AI_TP132	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	29	25	29	<0.1	19	54
AI_TP133_0.1	AI_TP133	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	<0.4	19	27	22	<0.1	14	60
AI_TP133_0.3	AI_TP133	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	22	43	24	<0.1	19	78
AI_TP134_0.1	AI_TP134	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	<0.4	25	23	15	<0.1	6.8	31
AI_TP134_0.3	AI_TP134	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	<0.4	21	24	16	<0.1	6.8	30
AI_TP135_0.1	AI_TP135	1/11/2021	1	1	364	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.6	<0.4	25	17	20	<0.1	10	27
AI_TP135_0.3	AI_TP135	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	<0.4	26	20	16	<0.1	8.6	34
AI_TP136_0.1	AI_TP136	1/11/2021	1	1	516	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.6	<0.4	21	20	21	<0.1	14	55
AI_TP136_0.3	AI_TP136	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	26	38	17	<0.1	11	62
AI_TP137_0.1	AI_TP137	1/11/2021	1	1	484	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	28	28	26	<0.1	15	54
AI_TP137_0.3	AI_TP137	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	30	20	27	<0.1	13	34
AI_TP138_0.1	AI_TP138	1/11/2021	1	1	518	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.3	<0.4	19	30	22	<0.1	10	53
AI_TP138_0.3	AI_TP138	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	<0.4	17	24	20	<0.1	12	49
AI_TP139_0.1	AI_TP139	1/11/2021	1	1	490	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.1	<0.4	19	23	15	<0.1	6.8	30
AI_TP139_0.3	AI_TP139	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	<0.4	26	27	18	<0.1	8.7	38
AI_TP14_0.1	AI_TP14	17/12/2021	1	1	642	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	26	13	25	<0.1	9.6	34
AI_TP14_0.4	AI_TP14	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	<0.4	36	18	33	<0.1	13	39
AI_TP140_0.1	AI_TP140	1/11/2021	1	1	211	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	31	20	30	<0.1	15	63
AI_TP140_0.3	AI_TP140	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	<0.4	22	31	12	<0.1	14	62
AI_TP141_0.1	AI_TP141	1/11/2021	1	1	504	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.4	<0.4	15	11	16	<0.1	6.4	17
AI_TP141_0.3	AI_TP141	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	24	31	24	<0.1	12	47
AI_TP142_0.3	AI_TP142	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	<0.4	23	21	17	<0.1	14	37
AI_TP142_0.1	AI_TP142	8/11/2021	1	1	374	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	22	17	20	<0.1	9.3	35
AI_TP143_0.3	AI_TP143	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	33	23	25	<0.1	13	42
AI_TP143_0.1	AI_TP143	8/11/2021	1	1	379	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.1	<0.4	16	22	33	<0.1	12	71
AI_TP144_0.2	AI_TP144	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	22	32	12	<0.1	14	43
AI_TP144_0.1	AI_TP144	8/11/2021	1	1	392	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.3	<0.4	17	20	14	<0.1	14	34
AI_TP144_0.2	AI_TP144	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	<0.4	12	5.3	<5	<0.1	6.9	20

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP145_0.3	AI_TP145	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	<0.4	21	29	13	<0.1	9.9	34
AI_TP145_0.1	AI_TP145	8/11/2021	1	1	524	0	1	1	0	0	0	0	0	0	0	1	1	1	0	18	<0.4	22	25	17	<0.1	22	36
AI_TP146_0.3	AI_TP146	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	<0.4	24	26	9.8	<0.1	16	57
AI_TP146_0.1	AI_TP146	8/11/2021	1	1	414	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.1	<0.4	23	18	13	<0.1	15	44
AI_TP147_0.3	AI_TP147	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	36	25	16	<0.1	12	39
AI_TP147_0.1	AI_TP147	8/11/2021	1	1	491	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	25	21	21	<0.1	10	42
AI_TP148_0.3	AI_TP148	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	19	32	11	<0.1	8.7	33
AI_TP148_0.1	AI_TP148	8/11/2021	1	1	264	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	22	30	17	<0.1	16	49
AI_TP149_0.3	AI_TP149	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	<0.4	18	22	12	<0.1	15	39
AI_TP149_0.1	AI_TP149	8/11/2021	1	1	493	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.8	<0.4	25	26	18	<0.1	17	39
AI_TP15-0.1	AI_TP15	9/11/2021	1	1	656	0	1	1	0	0	0	0	0	0	0	1	1	1	0	2.1	<0.4	5.8	6.3	6	<0.1	<5	9.8
AI_TP15-0.3	AI_TP15	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	<0.4	18	22	11	<0.1	9.2	33
AI_TP150_0.1	AI_TP150	3/11/2021	1	1	553	0	1	1	0	0	0	0	0	0	0	1	1	1	0	16	<0.4	33	26	33	<0.1	19	68
AI_TP150_0.3	AI_TP150	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	<0.4	19	24	16	<0.1	9.1	42
AI_TP151_0.1	AI_TP151	3/11/2021	1	1	524	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.9	<0.4	20	17	16	<0.1	9.3	28
AI_TP151_0.3	AI_TP151	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<0.4	39	29	22	<0.1	14	48
AI_TP152_0.1	AI_TP152	3/11/2021	1	1	620	0	1	1	0	0	0	0	0	0	0	-	1	1	0	7.6	<0.4	19	21	19	<0.1	15	48
AI_TP152_0.3	AI_TP152	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	<0.4	21	24	17	<0.1	13	52
AI_TP158_0.1	AI_TP158	27/10/2021	1	1	522	0	1	1	0	0	0	0	0	0	0	1	1	1	0	16	<0.4	31	22	29	<0.1	9.7	37
AI_TP158_0.3	AI_TP158	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	26	35	28	<0.1	13	75
AI_TP16_0.1	AI_TP16	17/12/2021	1	1	647	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.1	<0.4	9.5	8.1	12	<0.1	6.2	24
AI_TP16_0.3	AI_TP16	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	<0.4	14	13	10	<0.1	8.1	24
AI_TP160_0.3	AI_TP160	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	<0.4	17	26	17	<0.1	11	42
AI_TP163_0.1	AI_TP163	27/10/2021	1	1	580	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.9	<0.4	23	18	27	<0.1	17	51
AI_TP163_0.3	AI_TP163	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	<0.4	22	22	15	<0.1	7.1	33
AI_TP164_0.1	AI_TP164	27/10/2021	1	1	534	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	31	21	34	<0.1	20	65
AI_TP164_0.4	AI_TP164	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	27	23	20	<0.1	9.7	42
AI_TP165_0.1	AI_TP165	27/10/2021	1	1	517	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.1	<0.4	15	11	13	<0.1	8.8	18
AI_TP165_0.3	AI_TP165	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	<0.4	18	16	12	<0.1	6.3	24
AI_TP166_0.1	AI_TP166	27/10/2021	1	1	556	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.6	<0.4	18	19	20	<0.1	16	42
AI_TP166_0.3	AI_TP166	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	<0.4	14	22	11	<0.1	8.4	31
AI_TP167_0.1	AI_TP167	27/10/2021	1	1	541	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7	<0.4	19	19	30	<0.1	11	51
AI_TP167_0.3	AI_TP167	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	23	17	15	<0.1	7.2	29
AI_TP168_0.1	AI_TP168	27/10/2021	1	1	673	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	29	18	24	<0.1	9.2	33
AI_TP168_0.3	AI_TP168	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	32	23	23	<0.1	7.4	34
AI_TP169_0.1	AI_TP169	27/10/2021	1	1	569	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	37	28	35	<0.1	19	66

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP169_0.3	AI_TP169	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	<0.4	20	22	18	<0.1	5.6	29
AI_TP170_0.1	AI_TP170	27/10/2021	1	1	539	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.6	<0.4	26	22	27	<0.1	17	70
AI_TP170_0.3	AI_TP170	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	<0.4	23	30	17	<0.1	11	51
AI_TP171_0.1	AI_TP171	27/10/2021	1	1	615	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	33	15	27	<0.1	8.5	26
AI_TP171_0.3	AI_TP171	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	<0.4	32	23	19	<0.1	6.6	28
AI_TP172_0.1	AI_TP172	27/10/2021	1	1	582	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.9	<0.4	17	17	24	<0.1	8.6	47
AI_TP172_0.3	AI_TP172	27/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	<0.4	28	22	16	<0.1	8.1	37
AI_TP173_0.1	AI_TP173	17/12/2021	1	1	629	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	27	17	24	<0.1	7	22
AI_TP173_0.4	AI_TP173	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	30	30	16	<0.1	11	36
AI_TP176_0.1	AI_TP176	3/11/2021	1	1	537	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	32	14	27	<0.1	9.3	27
AI_TP176_0.3	AI_TP176	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	<0.4	20	24	14	<0.1	8.1	29
AI_TP177_0.1	AI_TP177	17/12/2021	1	1	548	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.4	<0.4	18	21	20	<0.1	14	33
AI_TP177_0.4	AI_TP177	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	<0.4	23	28	13	<0.1	12	37
AI_TP178_0.1	AI_TP178	17/12/2021	1	1	468	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.2	<0.4	22	25	22	<0.1	13	53
AI_TP178_0.4	AI_TP178	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	<0.4	23	31	14	<0.1	9.9	37
AI_TP179_0.1	AI_TP179	17/12/2021	1	1	446	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.2	<0.4	19	22	22	<0.1	12	39
AI_TP179_0.4	AI_TP179	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	<0.4	22	27	12	<0.1	12	28
AI_TP18_0.2	AI_TP18	17/12/2021	1	1	37	0	1	1	0	0	0	0	0	0	0	1	1	1	0	2.9	<0.4	8.5	6.1	9.1	<0.1	<5	11
AI_TP181_0.1	AI_TP181	3/11/2021	1	1	45 - 525	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.6 - 10	<0.4	24 - 26	15	27	<0.1	8.3	22 - 25
AI_TP181_0.3	AI_TP181	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1 - 9.2	<0.4	31	25 - 26	19 - 20	<0.1	12 - 13	36 - 37
AI_TP182_0.1	AI_TP182	3/11/2021	1	1	45 - 545	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11 - 13	<0.4	25 - 29	15 - 17	25 - 30	<0.1	7.9 - 8	23
AI_TP182_0.3	AI_TP182	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2 - 12	<0.4	30 - 37	25	16 - 21	<0.1	10 - 11	31 - 33
AI_TP183_0.1	AI_TP183	3/11/2021	1	1	617	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.8	<0.4	25	13	24	<0.1	8.8	28
AI_TP183_0.3	AI_TP183	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	<0.4	22	16	14	<0.1	9.5	22
AI_TP184_0.1	AI_TP184	17/12/2021	1	1	548	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.3	<0.4	20	20	22	<0.1	9.6	29
AI_TP184_0.4	AI_TP184	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	<0.4	21	26	14	<0.1	12	29
AI_TP186_0.1	AI_TP186	3/11/2021	1	1	522	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	27	11	27	<0.1	7	14
AI_TP186_0.3	AI_TP186	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	45	24	23	<0.1	17	40
AI_TP187_0.1	AI_TP187	3/11/2021	1	1	493	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.6	<0.4	24	11	18	<0.1	9.7	14
AI_TP187_0.3	AI_TP187	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	<0.4	38	21	16	<0.1	15	24
AI_TP188_0.1	AI_TP188	3/11/2021	1	1	618	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9	<0.4	25	9.9	24	<0.1	7.7	15
AI_TP188_0.3	AI_TP188	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	<0.4	25	23	14	<0.1	11	28
AI_TP189_0.1	AI_TP189	3/11/2021	1	1	556	0	1	1	0	0	0	0	0	0	0	0	1	1	0	8.2	<0.4	20	13	23	<0.1	9.7	17
AI_TP189_0.3	AI_TP189	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	<0.4	25	21	22	<0.1	9	27
AI_TP19_0.1	AI_TP19	17/12/2021	1	1	638	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	22	9.8	22	<0.1	8.5	22
AI_TP19_0.3	AI_TP19	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	28	17	13	<0.1	12	43

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP193_0.1	AI_TP193	2/11/2021	1	1	570	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8	<0.4	19	14	22	<0.1	7.9	33
AI_TP193_0.3	AI_TP193	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	28	26	17	<0.1	7.6	34
AI_TP194_0.1	AI_TP194	2/11/2021	1	1	506	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.3	<0.4	25	9.9	22	<0.1	6.2	15
AI_TP194_0.3	AI_TP194	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	<0.4	46	32	22	<0.1	14	33
AI_TP195_0.1	AI_TP195	2/11/2021	1	1	512	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	25	15	43	<0.1	15	15
AI_TP195_0.3	AI_TP195	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	<0.4	24	19	14	<0.1	11	26
AI_TP196_0.1	AI_TP196	2/11/2021	1	1	551	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.9	<0.4	18	15	21	<0.1	9.6	33
AI_TP196_0.3	AI_TP196	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	<0.4	24	22	16	<0.1	11	36
AI_TP197_0.1	AI_TP197	17/12/2021	1	1	543	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.3	<0.4	18	11	14	<0.1	6.2	9.9
AI_TP197_0.4	AI_TP197	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	<0.4	25	23	13	<0.1	11	29
AI_TP20_0.1	AI_TP20	17/12/2021	1	1	596	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	18	9.9	25	<0.1	8.5	17
AI_TP20_0.4	AI_TP20	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	22	23	20	<0.1	11	43
AI_TP200_0.1	AI_TP200	2/11/2021	1	1	598	0	1	1	0	0	0	0	0	0	0	1	1	1	0	15	<0.4	36	21	31	<0.1	12	32
AI_TP200_0.3	AI_TP200	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	39	29	22	<0.1	14	46
AI_TP201_0.1	AI_TP201	2/11/2021	1	1	580	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	31	20	35	<0.1	16	60
AI_TP201_0.3	AI_TP201	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	<0.4	32	42	18	<0.1	18	75
AI_TP202_0.1	AI_TP202	2/11/2021	1	1	384	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.4	<0.4	21	14	19	<0.1	8.2	26
AI_TP202_0.3	AI_TP202	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<0.4	24	13	16	<0.1	14	35
AI_TP203_0.1	AI_TP203	2/11/2021	1	1	584	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.8	<0.4	13	5.4	13	<0.1	<5	8.8
AI_TP203_0.3	AI_TP203	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	<0.4	28	21	19	<0.1	17	26
AI_TP204_0.1	AI_TP204	2/11/2021	1	1	566	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.9	<0.4	23	7.3	16	<0.1	5.4	9
AI_TP204_0.3	AI_TP204	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	<0.4	22	12	15	<0.1	5.2	13
AI_TP205_0.1	AI_TP205	3/11/2021	1	1	526	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.5	<0.4	17	14	23	<0.1	8.7	18
AI_TP205_0.3	AI_TP205	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	<0.4	20	28	13	<0.1	13	27
AI_TP208_0.1	AI_TP208	2/11/2021	1	1	487	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	20	15	22	<0.1	8.7	28
AI_TP208_0.3	AI_TP208	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.9	<0.4	18	21	13	<0.1	11	39
AI_TP209_0.1	AI_TP209	2/11/2021	1	1	516	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	19	13	25	<0.1	11	21
AI_TP209_0.3	AI_TP209	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	<0.4	21	29	14	<0.1	9	37
AI_TP21_0.1	AI_TP21	4/11/2021	1	1	745	0	1	1	0	0	0	0	0	0	0	1	1	1	0	17	<0.4	33	38	30	<0.1	22	71
AI_TP21_0.3	AI_TP21	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	<0.4	39	46	29	<0.1	29	97
AI_TP210_0.1	AI_TP210	2/11/2021	1	1	534	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	18	12	19	<0.1	5.9	20
AI_TP210_0.3	AI_TP210	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	20	19	11	<0.1	5.9	21
AI_TP211_0.1	AI_TP211	2/11/2021	1	1	513	0	1	1	0	0	0	0	0	0	0	1	1	1	0	17	<0.4	34	11	31	<0.1	9.9	26
AI_TP211_0.3	AI_TP211	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	20	22	11	<0.1	6.5	19
AI_TP212_0.1	AI_TP212	2/11/2021	1	1	520	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.3	<0.4	17	5.1	14	<0.1	<5	8.7
AI_TP212_0.3	AI_TP212	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	36	22	17	<0.1	14	23

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	**LocCode**	**Sampled_Date-Time**																									
AI_TP213_0.1	AI_TP213	2/11/2021	1	1	546	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.7	<0.4	26	10	20	<0.1	<5	10
AI_TP213_0.3	AI_TP213	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	35	21	23	<0.1	9.7	23
AI_TP214_0.1	AI_TP214	2/11/2021	1	1	518	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.2	<0.4	17	12	25	<0.1	5.5	12
AI_TP214_0.3	AI_TP214	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	<0.4	21	22	16	<0.1	13	21
AI_TP215_0.1	AI_TP215	3/11/2021	1	1	382	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.1	<0.4	24	25	27	<0.1	14	53
AI_TP215_0.3	AI_TP215	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	<0.4	24	30	16	<0.1	14	40
AI_TP216_0.1	AI_TP216	17/12/2021	1	1	453	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.7	<0.4	16	19	18	<0.1	10	28
AI_TP216_0.4	AI_TP216	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	<0.4	20	19	12	<0.1	10	26
AI_TP217_0.1	AI_TP217	2/11/2021	1	1	518	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	27	23	26	<0.1	15	43
AI_TP217_0.3	AI_TP217	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	<0.4	24	36	16	<0.1	14	49
AI_TP218_0.1	AI_TP218	2/11/2021	1	1	505	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	30	19	30	<0.1	11	41
AI_TP218_0.3	AI_TP218	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	23	30	16	<0.1	11	47
AI_TP219_0.1	AI_TP219	2/11/2021	1	1	519	0	1	1	0	0	0	0	0	0	0	1	1	1	0	19	<0.4	43	22	37	<0.1	16	54
AI_TP219_0.3	AI_TP219	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<0.4	27	38	22	<0.1	15	66
AI_TP22_0.1	AI_TP22	4/11/2021	1	1	583	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.5	<0.4	13	12	10	<0.1	7.1	21
AI_TP22_0.3	AI_TP22	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	<0.4	21	26	12	<0.1	14	37
AI_TP220_0.1	AI_TP220	2/11/2021	1	1	364	0	1	1	0	0	0	0	0	0	0	1	1	1	0	16	<0.4	30	15	30	<0.1	9.7	33
AI_TP220_0.3	AI_TP220	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	22	22	15	<0.1	8.3	30
AI_TP221_0.1	AI_TP221	2/11/2021	1	1	539	0	1	1	0	0	0	0	0	0	0	1	1	1	0	17	<0.4	35	15	31	<0.1	8.6	32
AI_TP221_0.3	AI_TP221	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	<0.4	39	45	36	<0.1	11	56
AI_TP222_0.1	AI_TP222	2/11/2021	1	1	483	0	1	1	0	0	0	0	0	0	0	1	1	1	0	16	<0.4	36	12	29	<0.1	6.1	25
AI_TP222_0.3	AI_TP222	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	29	29	20	<0.1	7.9	32
AI_TP223_0.1	AI_TP223	2/11/2021	1	1	439	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	21	14	27	<0.1	7.6	22
AI_TP223_0.3	AI_TP223	2/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	<0.4	21	22	14	<0.1	9.2	21
AI_TP224_0.1	AI_TP224	3/11/2021	1	1	481	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.8	<0.4	15	18	20	<0.1	10	21
AI_TP224_0.3	AI_TP224	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	<0.4	28	36	14	<0.1	16	45
AI_TP225_0.1	AI_TP225	17/12/2021	1	1	468	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2.6	<0.4	12	15	8.7	<0.1	6.5	17
AI_TP225_0.4	AI_TP225	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	<0.4	9.6	13	7.1	<0.1	<5	11
AI_TP226_0.1	AI_TP226	3/11/2021	1	1	869	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.4	<0.4	20	14	23	<0.1	12	30
AI_TP226_0.3	AI_TP226	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	34	36	25	<0.1	21	69
AI_TP227_0.1	AI_TP227	3/11/2021	1	1	658	0	1	1	0	0	0	0	0	0	0	1	1	1	0	15	<0.4	33	23	38	<0.1	17	51
AI_TP227_0.3	AI_TP227	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<0.4	40	45	31	<0.1	24	92
AI_TP228_0.1	AI_TP228	3/11/2021	1	1	590	0	1	1	0	0	0	0	0	0	0	1	1	1	0	21	<0.4	46	36	48	<0.1	26	86
AI_TP228_0.3	AI_TP228	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	<0.4	67	100	95	<0.1	35	160
AI_TP229_0.1	AI_TP229	3/11/2021	1	1	582	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	35	23	35	<0.1	14	46
AI_TP229_0.3	AI_TP229	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<0.4	40	34	38	<0.1	16	63

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP23_0.1	AI_TP23	17/12/2021	1	1	557	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.5	<0.4	13	12	15	<0.1	9.6	23
AI_TP23_0.4	AI_TP23	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	<0.4	23	28	14	<0.1	15	38
AI_TP230_0.1	AI_TP230	3/11/2021	1	1	521	0	1	1	0	0	0	0	0	0	0	1	1	1	0	21	<0.4	64	18	49	<0.1	16	42
AI_TP230_0.3	AI_TP230	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	<0.4	58	33	46	0.1	22	64
AI_TP231_0.1	AI_TP231	3/11/2021	1	1	639	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.5	<0.4	18	15	13	<0.1	5.3	14
AI_TP231_0.3	AI_TP231	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	<0.4	36	36	20	<0.1	22	51
AI_TP232_0.1	AI_TP232	3/11/2021	1	1	661	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.3	<0.4	8.4	12	16	<0.1	6	16
AI_TP232_0.3	AI_TP232	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	<0.4	25	28	17	<0.1	13	31
AI_TP233_0.1	AI_TP233	3/11/2021	1	1	620	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.9	<0.4	24	17	22	<0.1	11	23
AI_TP233_0.3	AI_TP233	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	<0.4	16	19	9.5	<0.1	7.7	16
AI_TP234_0.1	AI_TP234	3/11/2021	1	1	633	0	1	1	0	0	0	0	0	0	0	0	1	1	0	7.5	<0.4	18	12	18	<0.1	8	18
AI_TP234_0.3	AI_TP234	3/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	<0.4	19	25	11	<0.1	11	27
AI_TP235_0.1	AI_TP235	1/11/2021	1	1	322	0	1	1	0	0	0	0	0	0	0	1	1	1	0	2.7	<0.4	7	7.2	6.8	<0.1	<5	9.8
AI_TP235_0.3	AI_TP235	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	<0.4	6.1	7.6	<5	<0.1	<5	11
AI_TP236_0.1	AI_TP236	1/11/2021	1	1	561	0	1	1	0	0	0	0	0	0	0	1	1	1	0	2.2	<0.4	5.3	<5	8.3	<0.1	<5	7.9
AI_TP236_0.3	AI_TP236	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	<0.4	8.3	10	5.6	<0.1	<5	15
AI_TP237_0.1	AI_TP237	1/11/2021	1	1	551	0	1	1	0	0	0	0	0	0	0	1	1	1	0	<2	<0.4	<5	<5	<5	<0.1	<5	<5
AI_TP237_0.3	AI_TP237	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	<0.4	9.6	11	7.4	<0.1	5.1	14
AI_TP238_0.1	AI_TP238	1/11/2021	1	1	692	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.6	<0.4	20	15	23	<0.1	11	24
AI_TP238_0.3	AI_TP238	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	<0.4	19	21	14	<0.1	8.7	26
AI_TP239_0.1	AI_TP239	1/11/2021	1	1	528	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.6	<0.4	16	12	20	<0.1	6.6	19
AI_TP239_0.3	AI_TP239	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	<0.4	18	12	17	<0.1	6.4	16
AI_TP24_0.1	AI_TP24	17/12/2021	1	1	542	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.6	<0.4	11	8.8	14	<0.1	5.3	23
AI_TP24_0.3	AI_TP24	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	<0.4	12	11	14	<0.1	<5	15
AI_TP240_0.1	AI_TP240	1/11/2021	1	1	639	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.8	<0.4	12	7.6	15	<0.1	5.7	11
AI_TP240_0.3	AI_TP240	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	<0.4	17	11	19	<0.1	7.7	15
AI_TP241_0.1	AI_TP241	1/11/2021	1	1	592	0	1	1	0	0	0	0	0	0	0	1	1	1	0	-	-	-	-	-	-	-	-
AI_TP242_0.1	AI_TP242	1/11/2021	1	1	579	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.3	<0.4	19	14	24	<0.1	8.6	19
AI_TP242_0.3	AI_TP242	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	32	31	39	<0.1	22	43
AI_TP243_0.1	AI_TP243	1/11/2021	1	1	663	0	1	1	0	0	0	0	0	0	0	1	1	1	0	15	<0.4	29	18	28	<0.1	9.2	21
AI_TP243_0.3	AI_TP243	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	26	25	16	<0.1	10	23
AI_TP244_0.1	AI_TP244	1/11/2021	1	1	480	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.8	<0.4	20	13	23	<0.1	7.8	22
AI_TP244_0.3	AI_TP244	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	<0.4	16	30	14	<0.1	8.6	40
AI_TP245_0.1	AI_TP245	1/11/2021	1	1	516	0	1	1	0	0	0	0	0	0	0	1	1	1	0	2.8	<0.4	8.7	6.2	8	<0.1	<5	8.3
AI_TP245_0.3	AI_TP245	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	<0.4	20	28	15	<0.1	13	39
AI_TP246_0.1	AI_TP246	1/11/2021	1	1	505	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.1	<0.4	10	12	17	<0.1	6.5	27

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP246_0.3	AI_TP246	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	<0.4	11	15	8	<0.1	5.8	21
AI_TP247_0.1	AI_TP247	1/11/2021	1	1	621	0	1	1	0	0	0	0	0	0	0	1	1	1	0	3.8	<0.4	8.8	7.5	12	<0.1	5.2	13
AI_TP247_0.3	AI_TP247	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	<0.4	9.8	13	7.3	<0.1	5.9	18
AI_TP248_0.1	AI_TP248	1/11/2021	1	1	753	0	1	1	0	0	0	0	0	0	0	1	1	1	0	<2	<0.4	<5	<5	<5	<0.1	<5	7.1
AI_TP248_0.3	AI_TP248	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	<0.4	7.6	9.7	<5	<0.1	<5	14
AI_TP249_0.1	AI_TP249	1/11/2021	1	1	535	0	1	1	0	0	0	0	0	0	0	1	1	1	0	<2	<0.4	<5	<5	<5	<0.1	<5	<5
AI_TP249_0.3	AI_TP249	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	<0.4	12	17	10	<0.1	6.6	22
AI_TP25_0.1	AI_TP25	17/12/2021	1	1	555	0	1	1	0	0	0	0	0	0	0	1	1	1	0	3.3	<0.4	9.2	10	12	<0.1	6.4	24
AI_TP25_0.3	AI_TP25	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	<0.4	16	19	16	<0.1	10	34
AI_TP250_0.1	AI_TP250	1/11/2021	1	1	560	0	1	1	0	0	0	0	0	0	0	1	1	1	0	3.4	<0.4	7.9	<5	7.4	<0.1	<5	8.7
AI_TP250_0.3	AI_TP250	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	<0.4	10	11	7.4	<0.1	<5	12
AI_TP251_0.1	AI_TP251	1/11/2021	1	1	787	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.8	<0.4	13	7.3	12	<0.1	<5	14
AI_TP251_0.3	AI_TP251	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	<0.4	15	13	6.5	<0.1	<5	12
AI_TP252_0.1	AI_TP252	1/11/2021	1	1	619	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	24	15	23	<0.1	9.6	24
AI_TP252_0.3	AI_TP252	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	<0.4	26	29	12	<0.1	17	52
AI_TP253_0.1	AI_TP253	1/11/2021	1	1	539	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7	<0.4	19	28	18	<0.1	14	47
AI_TP253_0.3	AI_TP253	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	20	40	16	<0.1	13	55
AI_TP254_0.1	AI_TP254	1/11/2021	1	1	493	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.8	<0.4	25	21	24	<0.1	16	45
AI_TP254_0.3	AI_TP254	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	<0.4	20	26	16	<0.1	11	43
AI_TP255_0.1	AI_TP255	1/11/2021	1	1	497	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	22	15	22	<0.1	13	30
AI_TP255_0.3	AI_TP255	1/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	32	48	27	<0.1	20	72
AI_TP263_0.1	AI_TP263	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	<0.4	50	22	37	<0.1	14	49
AI_TP263_0.3	AI_TP263	29/10/2021	1	1	44	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	40	23	39	<0.1	22	85
AI_TP264_0.1	AI_TP264	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	<0.4	49	27	54	<0.1	17	76
AI_TP264_0.3	AI_TP264	29/10/2021	1	1	40	0	1	1	0	0	0	0	0	0	0	1	1	1	0	18	<0.4	39	34	24	<0.1	17	46
AI_TP265_0.1	AI_TP265	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	<0.4	25	21	8.8	<0.1	8.7	22
AI_TP265_0.3	AI_TP265	29/10/2021	1	1	45	0	1	1	0	0	0	0	0	0	0	1	1	1	0	17	<0.4	35	23	18	<0.1	10	28
AI_TP266_0.1	AI_TP266	29/10/2021	1	1	607	0	1	1	0	0	0	0	0	0	0	1	1	1	0	3.4	<0.4	19	17	21	<0.1	9.3	23
AI_TP266_0.3	AI_TP266	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	<0.4	29	32	24	<0.1	19	50
AI_TP267_0.1	AI_TP267	29/10/2021	1	1	656	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.2	<0.4	34	22	31	<0.1	9.9	30
AI_TP267_0.3	AI_TP267	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	<0.4	36	24	26	<0.1	10	34
AI_TP268_0.1	AI_TP268	29/10/2021	1	1	541	0	1	1	0	0	0	0	0	0	0	1	1	1	0	3.4	<0.4	24	31	28	<0.1	14	60
AI_TP268_0.3	AI_TP268	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	<0.4	19	32	19	<0.1	<5	23
AI_TP269_0.1	AI_TP269	29/10/2021	1	1	579	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	29	26	32	<0.1	13	37
AI_TP269_0.3	AI_TP269	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	<0.4	35	32	29	<0.1	11	39
AI_TP27_0.1	AI_TP27	20/12/2021	1	1	560	0	1	1	0	0	0	0	0	0	0	-	1	1	0	7.9	<0.4	19	13	18	<0.1	7.9	27

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP27_0.4	AI_TP27	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	28	25	19	<0.1	12	42
AI_TP270_0.1	AI_TP270	29/10/2021	1	1	700	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	43	17	42	<0.1	8.4	31
AI_TP270_0.3	AI_TP270	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<0.4	37	29	27	<0.1	12	36
AI_TP271_0.1	AI_TP271	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	<0.4	41	16	36	<0.1	8.7	25
AI_TP271_0.3	AI_TP271	29/10/2021	1	1	692	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	26	23	13	<0.1	11	30
AI_TP272_0.1	AI_TP272	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	<0.4	23	9.8	22	<0.1	5.7	14
AI_TP272_0.3	AI_TP272	29/10/2021	1	1	46	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.3	<0.4	20	22	9.3	<0.1	8.9	24
AI_TP277_0.1	AI_TP277	29/10/2021	1	1	604	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	34	27	36	<0.1	18	52
AI_TP277_0.3	AI_TP277	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	<0.4	25	22	27	<0.1	12	41
AI_TP278_0.1	AI_TP278	29/10/2021	1	1	720	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	41	25	39	<0.1	18	43
AI_TP278_0.3	AI_TP278	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	37	29	27	<0.1	16	46
AI_TP279_0.1	AI_TP279	29/10/2021	1	1	775	0	1	1	0	0	0	0	0	0	0	1	1	1	0	20	<0.4	50	20	47	<0.1	16	41
AI_TP279_0.3	AI_TP279	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	<0.4	48	21	37	<0.1	13	34
AI_TP28_0.1	AI_TP28	20/12/2021	1	1	505	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.2	<0.4	17	12	19	<0.1	11	22
AI_TP28_0.5	AI_TP28	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	<0.4	17	17	12	<0.1	8.2	29
AI_TP280_0.1	AI_TP280	29/10/2021	1	1	546	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.6	<0.4	20	16	23	<0.1	8	32
AI_TP280_0.3	AI_TP280	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	21	15	20	<0.1	7.7	27
AI_TP281_0.1	AI_TP281	29/10/2021	1	1	581	0	1	1	0	0	0	0	0	0	0	1	1	1	0	2.6	<0.4	12	11	22	<0.1	5.2	18
AI_TP281_0.3	AI_TP281	29/10/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	<0.4	21	25	17	<0.1	8.5	26
AI_TP29_0.1	AI_TP29	4/11/2021	1	1	508	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.4	<0.4	21	11	17	<0.1	6.5	14
AI_TP29_0.3	AI_TP29	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	<0.4	22	26	12	<0.1	10	29
AI_TP30_0.1	AI_TP30	4/11/2021	1	1	491	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.1	<0.4	13	14	11	<0.1	8.3	23
AI_TP30_0.3	AI_TP30	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	<0.4	18	22	12	<0.1	11	36
AI_TP31_0.1	AI_TP31	4/11/2021	1	1	542	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.3	<0.4	11	13	10	<0.1	9.4	24
AI_TP31_0.3	AI_TP31	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	<0.4	21	27	15	<0.1	13	40
AI_TP32_0.1	AI_TP32	17/12/2021	1	1	523	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9	<0.4	18	9.5	23	<0.1	6.6	23
AI_TP32_0.4	AI_TP32	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	<0.4	18	19	13	<0.1	8.6	32
AI_TP33-0.1	AI_TP33	9/11/2021	1	1	42	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.3	<0.4	17	23	13	<0.1	9.8	36
AI_TP34-0.1	AI_TP34	9/11/2021	1	1	37	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.1	<0.4	11	13	12	<0.1	6.5	20
AI_TP35-0.1	AI_TP35	9/11/2021	1	1	550	0	1	1	0	0	0	0	0	0	0	1	1	1	0	16	<0.4	31	17	26	<0.1	8.9	35
AI_TP35-0.2	AI_TP35	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	<0.4	41	21	30	<0.1	10	37
AI_TP36_0.1	AI_TP36	17/12/2021	1	1	634	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	17	9.1	26	<0.1	7.3	18
AI_TP36_0.4	AI_TP36	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	<0.4	17	18	22	<0.1	7.1	22
AI_TP36-0.1	AI_TP36	9/11/2021	1	1	440	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7	<0.4	20	11	23	<0.1	9.8	21
AI_TP36-0.3	AI_TP36	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	<0.4	22	17	14	<0.1	8.7	29
AI_TP37_0.1	AI_TP37	20/12/2021	1	1	576	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.2	<0.4	25	13	23	<0.1	8.1	18

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP37_0.4	AI_TP37	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	30	19	23	<0.1	11	32
AI_TP39_0.1	AI_TP39	4/11/2021	1	1	554	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	28	13	26	<0.1	11	26
AI_TP39_0.3	AI_TP39	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	26	30	17	<0.1	13	46
AI_TP40_0.1	AI_TP40	4/11/2021	1	1	567	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.7	<0.4	26	10	26	<0.1	8.5	15
AI_TP40_0.3	AI_TP40	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	<0.4	23	27	13	<0.1	11	35
AI_TP41_0.1	AI_TP41	4/11/2021	1	1	502	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.9	<0.4	14	8.1	19	<0.1	8.1	15
AI_TP41_0.3	AI_TP41	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	<0.4	20	28	18	<0.1	14	37
AI_TP42_0.1	AI_TP42	17/12/2021	1	1	550	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.9	<0.4	11	11	15	<0.1	5.3	26
AI_TP42_0.4	AI_TP42	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	<0.4	15	15	11	<0.1	7.9	24
AI_TP43-0.1	AI_TP43	9/11/2021	1	1	606	0	1	1	0	0	0	0	0	0	0	1	1	1	0	4.9	<0.4	11	7	15	<0.1	6.5	12
AI_TP43-0.3	AI_TP43	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	<0.4	14	13	12	<0.1	6.7	21
AI_TP45_0.1	AI_TP45	17/12/2021	1	1	694	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.7	<0.4	19	8.8	15	<0.1	5.2	16
AI_TP45_0.3	AI_TP45	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	<0.4	29	19	23	<0.1	12	33
AI_TP46_0.1	AI_TP46	20/12/2021	1	1	632	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.2	<0.4	21	10	20	<0.1	7.9	12
AI_TP46_0.4	AI_TP46	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	<0.4	23	18	13	<0.1	9.2	29
AI_TP47_0.1	AI_TP47	20/12/2021	1	1	495	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.2	<0.4	17	8.9	19	<0.1	6.4	24
AI_TP47_0.4	AI_TP47	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	<0.4	22	12	10	<0.1	5.9	17
AI_TP48_0.1	AI_TP48	20/12/2021	1	1	719	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.4	<0.4	18	<5	14	<0.1	<5	7.1
AI_TP48_0.4	AI_TP48	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	<0.4	22	15	12	<0.1	6.1	19
AI_TP49_0.1	AI_TP49	4/11/2021	1	1	657	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	30	18	23	<0.1	9.6	30
AI_TP49_0.3	AI_TP49	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	<0.4	28	32	27	<0.1	15	57
AI_TP50_0.1	AI_TP50	4/11/2021	1	1	601	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	25	13	31	<0.1	11	30
AI_TP50_0.3	AI_TP50	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	<0.4	21	26	21	<0.1	19	36
AI_TP51_0.1	AI_TP51	4/11/2021	1	1	489	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7	<0.4	23	13	25	<0.1	8.9	19
AI_TP51_0.3	AI_TP51	4/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	<0.4	23	17	17	<0.1	8.3	19
AI_TP54-0.1	AI_TP54	9/11/2021	1	1	557	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.9	<0.4	9.7	6.3	20	<0.1	9.6	27
AI_TP54-0.3	AI_TP54	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	<0.4	16	16	20	<0.1	7.6	25
AI_TP55-0.1	AI_TP55	9/11/2021	1	1	411	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.9	<0.4	18	21	17	<0.1	13	34
AI_TP55-0.3	AI_TP55	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	<0.4	21	24	14	<0.1	15	43
AI_TP56-0.1	AI_TP56	9/11/2021	1	1	574	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	29	13	28	<0.1	8.6	23
AI_TP56-0.3	AI_TP56	9/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	<0.4	28	14	21	<0.1	8.6	25
AI_TP58_0.1	AI_TP58	20/12/2021	1	1	572	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	41	12	28	<0.1	10	24
AI_TP58_0.4	AI_TP58	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	<0.4	29	20	18	<0.1	18	31
AI_TP59_0.1	AI_TP59	20/12/2021	1	1	565	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.4	<0.4	23	7.6	28	<0.1	7.6	11
AI_TP59_0.4	AI_TP59	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	<0.4	22	23	12	<0.1	10	27
AI_TP60_0.1	AI_TP60	20/12/2021	1	1	619	0	1	1	0	0	0	0	0	0	0	-	1	1	0	8.7	<0.4	35	10	20	<0.1	9.1	24

			Asbestos																Heavy Metal							
			ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
			Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																											
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																											
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
NEPM (1999) Management Limits - Urban residential & open space (fine)																											
NEPM (1999) HIL A - Residential (garden)																				100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																			0.001								
NEPM (1999) HIL C - Recreation																				300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																			0.001								
NEPM (1999) HIL D - Commercial/Industrial																				3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																			0.001								
NEPM (1999) EIL - Urban Residential & Open Space																				100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																											
NEPM (1999) EIL - Commercial/Industrial																				160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HSL B Residential - Asbestos																											
Field_ID	LocCode	Sampled_Date-Time																									
AI_TP60_0.5	AI_TP60	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	31	22	17	<0.1	12	32
AI_TP61_0.1	AI_TP61	20/12/2021	1	1	465	0	1	1	0	0	0	0	0	0	0	1	1	1	0	17	<0.4	42	17	30	<0.1	14	41
AI_TP61_0.4	AI_TP61	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	<0.4	40	23	29	<0.1	13	43
AI_TP62_0.1	AI_TP62	20/12/2021	1	1	839	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.3	<0.4	17	<5	13	<0.1	5.7	11
AI_TP62_0.4	AI_TP62	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	<0.4	18	18	11	<0.1	8.3	25
AI_TP66_0.1	AI_TP66	17/12/2021	1	1	518	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.4	<0.4	18	18	19	<0.1	11	28
AI_TP66_0.4	AI_TP66	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	<0.4	20	24	13	<0.1	11	38
AI_TP67_0.1	AI_TP67	17/12/2021	1	1	697	0	1	1	0	0	0	0	0	0	0	1	1	1	0	14	<0.4	31	18	28	<0.1	13	40
AI_TP67_0.4	AI_TP67	17/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	<0.4	33	30	24	<0.1	14	64
AI_TP71_0.1	AI_TP71	20/12/2021	1	1	703	0	1	1	0	0	0	0	0	0	0	-	1	1	0	9.4	<0.4	20	8.8	26	<0.1	8.6	19
AI_TP71_0.4	AI_TP71	20/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<0.4	19	22	8.7	<0.1	7.8	24
AI_TP75_0.1	AI_TP75	21/12/2021	1	1	460	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.2	<0.4	13	16	17	<0.1	7.8	67
AI_TP75_0.4	AI_TP75	21/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	<0.4	20	24	9.7	<0.1	7.1	33
AI_TP76_0.1	AI_TP76	21/12/2021	1	1	492	0	1	1	0	0	0	0	0	0	0	0	1	1	0	7.9	<0.4	19	17	27	<0.1	10	40
AI_TP76_0.4	AI_TP76	21/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	<0.4	20	21	13	<0.1	9.2	28
AI_TP78_0.1	AI_TP78	15/11/2021	1	1	324	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.5	<0.4	19	12	21	<0.1	5.6	19
AI_TP78_0.3	AI_TP78	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	<0.4	14	13	14	<0.1	5.6	18
AI_TP79_0.4	AI_TP79	21/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	<0.4	16	18	15	<0.1	9	26
AI_TP80_0.4	AI_TP80	21/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	<0.4	28	29	29	<0.1	18	45
AI_TP81_0.1	AI_TP81	21/12/2021	1	1	477	0	1	1	0	0	0	0	0	0	0	1	1	1	0	3.5	<0.4	11	15	16	<0.1	9.2	57
AI_TP81_0.4	AI_TP81	21/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	<0.4	14	18	12	<0.1	8	28
AI_TP82_0.1	AI_TP82	15/11/2021	1	1	578	0	1	1	0	0	0	0	0	0	0	1	1	1	0	16	<0.4	35	17	30	<0.1	10	41
AI_TP82_0.3	AI_TP82	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	<0.4	21	24	17	<0.1	11	31
AI_TP83_0.1	AI_TP83	15/11/2021	1	1	402	0	1	1	0	0	0	0	0	0	0	1	1	1	0	3.5	<0.4	7.7	15	9.2	<0.1	13	26
AI_TP83_0.3	AI_TP83	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	<0.4	8.3	16	10	<0.1	10	38
AI_TP84_0.1	AI_TP84	15/11/2021	1	1	439	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.8	<0.4	18	19	25	<0.1	11	50
AI_TP84_0.3	AI_TP84	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	<0.4	14	17	16	<0.1	8.7	29
AI_TP85_0.3	AI_TP85	15/11/2021	1	1	528	0	1	1	0	0	0	0	0	0	0	1	1	1	0	9.2	<0.4	22	16	19	<0.1	10	33
AI_TP86_0.1	AI_TP86	21/12/2021	1	1	275	0	1	1	0	0	0	0	0	0	0	1	1	1	0	10	<0.4	24	26	24	<0.1	12	66
AI_TP86_0.4	AI_TP86	21/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	34	26	23	<0.1	15	72
AI_TP88_0.1	AI_TP88	15/11/2021	1	1	321	0	1	1	0	0	0	0	0	0	0	1	1	1	0	22	<0.4	49	20	36	<0.1	13	42
AI_TP88_0.3	AI_TP88	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	<0.4	53	22	30	<0.1	14	41
AI_TP89_0.1	AI_TP89	15/11/2021	1	1	511	0	1	1	0	0	0	0	0	0	0	1	1	1	0	13	<0.4	27	14	46	<0.1	10	14
AI_TP89_0.3	AI_TP89	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	<0.4	32	25	36	<0.1	11	36
AI_TP90_0.1	AI_TP90	15/11/2021	1	1	488	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.3	<0.4	11	8.9	11	<0.1	5.9	21
AI_TP90_0.3	AI_TP90	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	<0.4	16	14	20	<0.1	15	19

	Asbestos																	Heavy Metal							
	ACM - Comment	AF - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	FA- Comment	Mass ACM	Mass AF	Mass Asbestos in ACM	Mass asbestos in AF	Mass Asbestos in FA	Mass Asbestos in FA & AF	Mass FA	Respirable Fibres - Comment	Organic Fibres - Comment	Synthetic Fibres - Comment	Asbestos from FA & AF in Soil	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
	Comment	Comment	g	%w/w	Comment	Comment	g	g	g	g	g	g	g	Comment	g/kg	g/kg	% (w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																		2	0.4	5	5	5	0.1	5	5
NEPM (1999) HSL A&B Residential - VI Clay 0 to <1 m																									
NEPM (1999) HSL A&B Residential - VI Clay 1 to <2 m																									
NEPM (1999) HSL C Rec/Open Space - VI Clay 0 to <1 m																									
NEPM (1999) HSL C Rec/Open Space - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
NEPM (1999) Management Limits - Urban residential & open space (fine)																									
NEPM (1999) HIL A - Residential (garden)																		100	20	100	6000	300	40	400	7400
NEPM (1999) HSL A Residential - Asbestos																	0.001								
NEPM (1999) HIL C - Recreation																		300	90	300	17000	600	80	1200	30000
NEPM (1999) HSL C Recreation - Asbestos																	0.001								
NEPM (1999) HIL D - Commercial/Industrial																		3000	900	3600	240000	1500	730	6000	400000
NEPM (1999) HSL D Comm/Indust - Asbestos																	0.001								
NEPM (1999) EIL - Urban Residential & Open Space																		100		190	60	1100		30	70
NEPM (1999) ESL - Urban Residential & Open Space (fine)																									
NEPM (1999) EIL - Commercial/Industrial																		160		310	85	1800		55	110
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HSL B Residential - Asbestos																									

Field_ID	LocCode	Sampled_Date-Time																								
AI_TP91_0.1	AI_TP91	15/11/2021	1	1	359	0	1	1	0	0	0	0	0	0	0	1	1	1	0	5.9	<0.4	16	14	16	<0.1	12	42
AI_TP91_0.3	AI_TP91	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	<0.4	18	17	11	<0.1	9.3	25
AI_TP92_0.3	AI_TP92	15/11/2021	1	1	499	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	32	20	16	<0.1	7.2	31
AI_TP92_0.5	AI_TP92	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	<0.4	15	26	17	<0.1	13	31
AI_TP93_0.3	AI_TP93	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<0.4	32	22	27	<0.1	13	44
AI_TP93_0.1	AI_TP93	8/11/2021	1	1	546	0	1	1	0	0	0	0	0	0	0	1	1	1	0	12	<0.4	37	19	27	<0.1	14	41
AI_TP94_0.3	AI_TP94	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<0.4	29	53	34	<0.1	27	120
AI_TP94_0.1	AI_TP94	8/11/2021	1	1	473	0	1	1	0	0	0	0	0	0	0	1	1	1	0	6.8	<0.4	20	27	21	<0.1	22	61
AI_TP95_0.3	AI_TP95	8/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	<0.4	25	42	20	<0.1	27	98
AI_TP95_0.1	AI_TP95	8/11/2021	1	1	553	0	1	1	0	0	0	0	0	0	0	1	1	1	0	7.3	<0.4	16	20	23	<0.1	14	50
AI_TP96_0.1	AI_TP96	15/11/2021	1	1	550	0	1	1	0	0	0	0	0	0	0	1	1	1	0	11	<0.4	33	12	31	<0.1	7.7	30
AI_TP96_0.3	AI_TP96	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	<0.4	48	20	29	<0.1	12	34
AI_TP98_0.1	AI_TP98	15/11/2021	1	1	430	0	1	1	0	0	0	0	0	0	0	1	1	1	0	23	<0.4	52	33	32	<0.1	16	59
AI_TP98_0.3	AI_TP98	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	<0.4	48	21	29	<0.1	14	40
AI_TP99_0.3	AI_TP99	15/11/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	<0.4	13	11	16	<0.1	6	24

Statistical Summary

Number of Results	230	230	230	230	230	230	230	230	230	230	230	230	230	225	230	230	230	466	466	466	466	466	466	466	466
Number of Detects	230	230	230	230	230	230	230	230	230	230	230	230	230	225	230	230	230	461	0	463	459	460	2	444	464
Minimum Concentration	1	1	35	0	1	1	0	0	0	0	0	0	0	0	1	1	0	<2	<0.4	<5	<5	<5	<0.1	<5	<5
Minimum Detect	1	1	35	ND	1	1	ND	ND	ND	ND	ND	ND	ND	1	1	1	ND	2.1	ND	5.3	5.1	5.6	0.1	5.1	7.1
Maximum Concentration	1	1	869	0	1	1	0	0	0	0	0	0	0	1	1	1	0	37	<0.4	67	100	95	0.1	61	170
Maximum Detect	1	1	869	ND	1	1	ND	ND	ND	ND	ND	ND	ND	1	1	1	ND	37	ND	67	100	95	0.1	61	170
Average Concentration	1	1	488	0	1	1	0	0	0	0	0	0	0	0.98	1	1	0	9.5	0.2	24	21	21	0.05	11	36
Median Concentration	1	1	523	0	1	1	0	0	0	0	0	0	0	1	1	1	0	8.8	0.2	22	21	20	0.05	10	33
Standard Deviation	0	0	164	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0	4.6	0	9.9	9.5	9.1	0.0033	6	20
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	26
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	26

	PFAS																																				
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.01	0.01	0.05	0.01	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.01	0.05	0.01	0.01
NEMP (2020) Freshwater - High conservation value systems (99%)											19										0.00023															
NEMP (2020) Freshwater - Slightly to moderately disturbed systems (95%)											220										0.13															
NEMP (2020) Drinking Water											0.56									0.07	0.07												0.07			
NEMP (2020) Recreational Water											10									2	2												2			
Field_ID **WellCode** **Sampled_Date-Time**																																					
MW01		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW02		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW03		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW04		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW05		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW06		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW07		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW08		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW09		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW10		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
MW11		24/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
Statistical Summary																																					
Number of Results	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.005	0.005	0.025	0.005	0.025	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.05	0.005	0.025	0.005	0.005
Median Concentration	0.005	0.005	0.025	0.005	0.025	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.05	0.005	0.025	0.005	0.005
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			Heavy Metal															
			Arsenic	Arsenic (Filtered)	Cadmium	Cadmium (Filtered)	Chromium (III+VI)	Chromium (III+VI) (Filtered)	Copper	Copper (Filtered)	Lead	Lead (Filtered)	Mercury	Mercury (Filtered)	Nickel	Nickel (Filtered)	Zinc	Zinc (Filtered)
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL			0.001	0.001	0.0002	0.0002	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.0001	0.001	0.001	0.005	0.005
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems					0.0002	0.0002			0.0014	0.0014	0.0034	0.0034	0.00006	0.00006	0.011	0.011	0.008	0.008
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																	3	3
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)			0.01	0.01	0.002	0.002	0.05	0.05	2	2	0.01	0.01	0.001	0.001	0.02	0.02		
Field_ID	**WellCode**	**Sampled_Date-Time**																
MW01		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.01	-	<0.001	-	<0.0001	-	0.004	-	0.014
MW02		24/06/2022	-	0.002	-	<0.0002	-	0.002	-	0.009	-	0.001	-	<0.0001	-	0.01	-	0.008
MW03		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.004	-	0.003	-	<0.0001	-	0.005	-	0.17
MW04		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.003	-	<0.001	-	<0.0001	-	0.003	-	0.009
MW05		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.003	-	<0.001	-	<0.0001	-	0.001	-	0.011
MW06		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.003	-	<0.001	-	<0.0001	-	0.003	-	0.006
MW07		24/06/2022	-	0.006	-	<0.0002	-	<0.001	-	0.002	-	<0.001	-	<0.0001	-	0.005	-	0.01
MW08		24/06/2022	-	0.006	-	<0.0002	-	<0.001	-	0.002	-	<0.001	-	<0.0001	-	0.006	-	0.039
MW09		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.004	-	0.001	-	<0.0001	-	0.007	-	0.091
MW10		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.004	-	<0.001	-	<0.0001	-	0.004	-	0.009
MW11		24/06/2022	-	<0.001	-	<0.0002	-	<0.001	-	0.003	-	<0.001	-	<0.0001	-	0.001	-	0.023
Statistical Summary																		
Number of Results			0	11	0	11	0	11	0	11	0	11	0	11	0	11	0	11
Number of Detects			0	3	0	0	0	1	0	11	0	3	0	0	0	11	0	11
Minimum Concentration			99999	<0.001	99999	<0.0002	99999	<0.001	99999	0.002	99999	<0.001	99999	<0.0001	99999	0.001	99999	0.006
Minimum Detect			ND	0.002	ND	ND	ND	0.002	ND	0.002	ND	0.001	ND	ND	ND	0.001	ND	0.006
Maximum Concentration			0	0.006	0	<0.0002	0	0.002	0	0.01	0	0.003	0	<0.0001	0	0.01	0	0.17
Maximum Detect			ND	0.006	ND	ND	ND	0.002	ND	0.01	ND	0.003	ND	ND	ND	0.01	ND	0.17
Average Concentration				0.0016		0.0001		0.00064		0.0043		0.00082		0.00005		0.0045		0.035
Median Concentration				0.0005		0.0001		0.0005		0.003		0.0005		0.00005		0.004		0.011
Standard Deviation				0.0022		0		0.00045		0.0027		0.00075		0		0.0026		0.051
Number of Guideline Exceedances			0	0	0	0	0	0	0	11	0	0	0	11	0	0	0	10
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	10

DRAFT

			Organic																												
			>C10 - C40 Fraction (sum) (SG)	TRH >C10-C16 (after silica gel clean-up)	TRH >C16-C34 (after silica gel clean-up)	TRH >C34-C40 (after silica gel clean-up)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene
			mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L
EQL			0.1	0.05	0.1	0.1	20	20	20	50	50	100	100	100	10	0.005	0.005	5	5	5	5	5	5	5	5	0.005	5	5
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems															16	0.002	0.003	3	5	85	160	8	260	60				16
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																							20					
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)									100		100	90	90		70					700	1500	400		40				0.5
Field_ID	**WellCode**	**Sampled_Date-Time**																											
MW01		24/06/2022	-	-	-	-	<20	<20	<20	<500	<500	<1000	<1000	<1000	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW02		24/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW03		24/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW04		24/06/2022	-	-	-	-	<20	<20	<20	<500	<500	<1000	<1000	<1000	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW05		24/06/2022	-	-	-	-	<20	<20	<20	<500	<500	<1000	<1000	<1000	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW06		24/06/2022	-	-	-	-	<20	<20	<20	60	60	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW07		24/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW08		24/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW09		24/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW10		24/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
MW11		24/06/2022	-	-	-	-	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
Statistical Summary																													
Number of Results			0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects			0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			99999	99999	99999	99999	<20	<20	<20	<50	<50	<100	<100	<100	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	60	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			0	0	0	0	<20	<20	<20	<500	<500	<1000	<1000	<1000	<10	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	60	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration							10	10	10	90	90	173	173	173	5	0.0025	0.0025	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5
Median Concentration							10	10	10	25	25	50	50	50	5	0.0025	0.0025	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5
Standard Deviation							0	0	0	104	104	210	210	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	0	0	0	0	0	0	3	11	11	0	0	11	11	11	0	0	0	0	0	0	0	0	0	0	11
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

| | | | SVOC | | |

			DDD	DDT	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin	Diethylphthalate	Dimethyl phthalate	Phenol	Di-n-butyl phthalate	Di-n-octyl phthalate	Diphenylamine	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Methoxychlor	Nitrobenzene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-nitrosopiperidine	Pentachlorobenzene	Pentachloronitrobenzene	Pronamide	Trifluralin
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL			5	5	30	10	5	30	10	5	5	5	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0.005
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems				0.006				58	3.6	0.01	1000	3700	320	10							0.01			0.2	0.01		0.05			290	0.004	550				1.5			0.0026
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																																							
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)				9				30	10	0.02	300000		150	35					30	0.6			10	0.3	0.04	0.2	0.7	2000	10	20						30	70	0.09
Field_ID	**WellCode**	**Sampled_Date-Time**																																					
MW01		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW02		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW03		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW04		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW05		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW06		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW07		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW08		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW09		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW10		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
MW11		24/06/2022	<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
Statistical Summary																																							
Number of Results			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<5	<5	<30	<10	<5	<30	<10	<5	<5	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			2.5	2.5	15	5	2.5	15	5	2.5	2.5	2.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025
Median Concentration			2.5	2.5	15	5	2.5	15	5	2.5	2.5	2.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	11	0	0	11	11	11	11	11	0	0	11	0	0	0	0	11	0	0	11
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	TPH																												
	TPH C10-C14 Fraction after Silica Cleanup	TPH C15-C28 Fraction after Silica Cleanup	TPH C29-C36 Fraction after Silica Cleanup	TRH C10-C36 (Total) (after silica gel clean-up)	C10-C14	C15-C28	C29-C36	C10-C36	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3,5-trimethylbenzene	1,3-dichlorobenzene	1,3-dichloropropane	1,4-dichlorobenzene	Methyl Ethyl Ketone
	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.05	0.1	0.1	0.1	50	100	100	100	5	5	1	1	1	1	0.003	1	1	1	1	1	1	1	1	1	1	1	1	5
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems												270	400	6500			700				160	1900	900		260	1100	60	
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																									20			
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)											10	400000	4	6		3	30	1000		1	1500	3	40	100000			40	40000
Field_ID	**WellCode**	**Sampled_Date-Time**																											
MW01		24/06/2022	-	-	-	-	500	<1000	<1000	<1000	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW02		24/06/2022	-	-	-	-	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW03		24/06/2022	-	-	-	-	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW04		24/06/2022	-	-	-	-	<500	<1000	<1000	<1000	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW05		24/06/2022	-	-	-	-	<500	<1000	<1000	<1000	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW06		24/06/2022	-	-	-	-	80	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW07		24/06/2022	-	-	-	-	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW08		24/06/2022	-	-	-	-	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW09		24/06/2022	-	-	-	-	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW10		24/06/2022	-	-	-	-	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
MW11		24/06/2022	-	-	-	-	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
Statistical Summary																													
Number of Results			0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects			0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			99999	99999	99999	99999	<50	<100	<100	<100	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
Minimum Detect			ND	ND	ND	ND	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			0	0	0	0	500	<1000	<1000	<1000	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
Maximum Detect			ND	ND	ND	ND	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration							114	173	173	173	2.5	2.5	0.5	0.5	0.5	0.5	0.0015	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5
Median Concentration							25	50	50	50	2.5	2.5	0.5	0.5	0.5	0.5	0.0015	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5
Standard Deviation							156	210	210	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			VOC																		
			4-chlorotoluene	4-Methyl-2-pentanone	Acetone	Allyl chloride	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichlorodifluoromethane
			µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL			1	5	0.005	0.001	1	1	1	1	5	1	1	1	1	5	5	5	1	1	1	5
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems												20	240	55			370					
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																						
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)			1000				600	40	6	100	1		3	300	100		200	4000	100			10000
Field_ID	**WellCode**	**Sampled_Date-Time**																				
MW01		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW02		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW03		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW04		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW05		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW06		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW07		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW08		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW09		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW10		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
MW11		24/06/2022	<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
Statistical Summary																						
Number of Results			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<1	<5	<0.005	<0.001	<1	<1	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.5	2.5	0.0025	0.0005	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.5	2.5	2.5	2.5	0.5	0.5	0.5	2.5
Median Concentration			0.5	2.5	0.0025	0.0005	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.5	2.5	2.5	2.5	0.5	0.5	0.5	2.5
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

												Volatile					
			Dichloromethane	Iodomethane	Isopropylbenzene	Styrene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL			5	1	1	1	1	1	1	1	5	5	1	1	1	2	1	3
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems			4000		30		330	70				100	950	180	80		350	
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																		
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)			4		40000	30	8	50	1000		20000	0.3	1	800	300			600
Field_ID	**WellCode**	**Sampled_Date-Time**																
MW01		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW02		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW03		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW04		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW05		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW06		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW07		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW08		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW09		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW10		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
MW11		24/06/2022	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3

Statistical Summary

Number of Results	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<2	<1	<3
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<2	<1	<3
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.5	0.5	0.5	0.5	1	0.5	1.5	
Median Concentration	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.5	0.5	0.5	0.5	1	0.5	1.5	
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of Guideline Exceedances	11	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

	OCP																								
	Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL	2	2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.005
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems					0.001						0.006		0.01				0.01			0.2	0.01		0.05	0.004	0.0001
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																									
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)			20	20	0.02	0.3	20	0.2|2			9		0.02			30	0.6			10	0.3	0.04	0.2	20	0.0003
Field_ID	**WellCode**	**Sampled_Date-Time**																								
MW01		24/06/2022	<10	<10	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.1
MW02		24/06/2022	<2	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01
MW03		24/06/2022	<2	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01
MW04		24/06/2022	<10	<10	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.1
MW05		24/06/2022	<10	<10	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.1
MW06		24/06/2022	<2	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01
MW07		24/06/2022	<2	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01
MW08		24/06/2022	<10	<10	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.1
MW09		24/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
MW10		24/06/2022	<2	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01
MW11		24/06/2022	<2	<2	<0.2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	<0.01
Statistical Summary																										
Number of Results			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<10	<10	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.1
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			2.5	2.5	1	1.1	1.1	1.1	1.1	2.5	1.1	1	1	1	1	1	1	1	1	1	1	1.1	1.1	1.1	1	0.021
Median Concentration			1	1	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.005
Standard Deviation			2	2	1.2	1.1	1.1	1.1	1.1	2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.2	0.023
Number of Guideline Exceedances			0	0	0	0	11	10	0	4	0	0	11	0	11	0	0	0	11	0	0	10	11	11	11	11
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			OPP																																					
			Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
			mg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL			0.002	2	2	20	2	0.002	20	2	2	2	2	2	2	2	2	2	2	2	2	2	0.002	2	2	2	2	20	2	2	0.02	2	2	2	2	0.002
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems				0.01			0.01					0.01		0.15				0.2				0.05							0.004								
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																																							
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)				30	10	2	10	0.01			0.15	4	5	7	4	4	1	7	10	7		70		0.7	5	2		1	20	2	0.09	20		0.9		0.1
Field_ID	**WellCode**	**Sampled_Date-Time**																																						
MW01		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW02		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW03		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW04		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW05		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW06		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW07		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW08		24/06/2022	<0.02	<20	<20	<20	<500	<0.02	<500	<20	<500	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<0.02	<20	<20	<20	<20	<20	<20	<20	<0.5	<20	<20	<20	<20	<0.02
MW09		24/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
MW10		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
MW11		24/06/2022	<0.005	<5	<5	<20	<50	<0.005	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<20	<5	<5	<0.05	<5	<5	<5	<5	<0.005
Statistical Summary																																								
Number of Results			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<0.02	<20	<20	<20	<500	<0.02	<500	<20	<500	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<0.02	<20	<20	<20	<20	<20	<20	<20	<0.5	<20	<20	<20	<20	<0.02
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.003	3	3	10	43	0.003	44	3	27	3	3	3	3	3	3	3	3	3	3	3	0.003	3	3	3	3	10	3	3	0.044	3	3	3	3	0.003
Median Concentration			0.0025	2.5	2.5	10	25	0.0025	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5	2.5	2.5	10	2.5	2.5	0.025	2.5	2.5	2.5	2.5	0.0025
Standard Deviation			0.0024	2.4	2.4	0	69	0.0024	68	2.4	74	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0024	2.4	2.4	2.4	2.4	0	2.4	2.4	0.068	2.4	2.4	2.4	2.4	0.0024
Number of Guideline Exceedances			0	11	1	11	11	1	0	0	11	11	1	11	10	10	11	11	1	1	0	11	0	11	1	10	0	11	11	10	1	0	0	11	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	PAH																
	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	1	0.001	1	1	1	1	1	1	1	1	1	1	1
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems			0.01		0.1						1			16	0.6		
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																	
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)	2000		150		0.01							10000		70	150	150	
Field_ID	**WellCode**	**Sampled_Date-Time**																
MW01		24/06/2022	<1	<1	<1	2	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	2
MW02		24/06/2022	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW03		24/06/2022	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW04		24/06/2022	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW05		24/06/2022	<1	<1	<1	2	<1	<0.001	<1	<1	1	<1	<1	<1	<1	1	<1	4
MW06		24/06/2022	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW07		24/06/2022	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW08		24/06/2022	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW09		24/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW10		24/06/2022	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW11		24/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Statistical Summary																		
Number of Results			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects			0	0	0	2	0	0	0	0	1	0	0	0	0	0	1	0	2
Minimum Concentration			<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Minimum Detect			ND	ND	ND	2	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	1	ND	2
Maximum Concentration			<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Maximum Detect			ND	ND	ND	2	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	1	ND	4
Average Concentration			1.8	1.8	1.8	2	1.8	0.0018	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.2
Median Concentration			2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Standard Deviation			1	1	1	0.79	1	0.001	1	1	0.96	1	1	1	1	1	0.96	1	0.98
Number of Guideline Exceedances			0	0	11	0	11	0	0	0	0	0	7	0	0	0	11	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

	PFAS																																			
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.01	0.01	0.05	0.01	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.01	0.05	0.01	0.01
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)											0.56								0.07		0.07											0.07			
NEMP (2020) Freshwater - Default slightly to moderately disturbed systems											19										0.00023														
NEMP (2020) Freshwater - High conservation value systems (99%)											19										0.00023														
NEMP (2020) Freshwater - Slightly to moderately disturbed systems (95%)											220										0.13														
NEMP (2020) Drinking Water											0.56								0.07		0.07											0.07			
NEMP (2020) Recreational Water											10								2		2														

Field_ID	WellCode	Sampled_Date-Time																																			
SW1		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
SW10		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	0.02	<0.05	0.02	0.02
SW2		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	0.02	<0.05	0.02	0.01
SW4		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
SW5		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
SW6		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
SW7		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
SW8		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
SW9		21/06/2022	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	0.01	<0.05	0.01	0.01

Statistical Summary

Number of Results	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	3	0	3	3
Minimum Concentration	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.01
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	0.02	ND	ND	ND	ND	ND	ND	0.01	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	0.01	0.01
Maximum Concentration	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.02	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	0.02	<0.05	0.02	0.02
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	0.02	ND	ND	ND	ND	ND	ND	0.01	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	0.02	0.02
Average Concentration	0.005	0.005	0.025	0.005	0.025	0.005	0.005	0.005	0.0067	0.005	0.005	0.0067	0.005	0.005	0.005	0.005	0.005	0.005	0.0056	0.005	0.0078	0.005	0.005	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.05	0.0089	0.025	0.0089	0.0078
Median Concentration	0.005	0.005	0.025	0.005	0.025	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.05	0.005	0.025	0.005	0.005
Standard Deviation	0	0	0	0	0	0	0	0	0.005	0	0	0.005	0	0	0	0	0	0	0.0017	0	0.0051	0	0	0	0	0	0	0	0	0	0	0.0065	0	0.0065	0.0051
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects On	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			OCP																								
			Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL			2	2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.005
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems							0.001						0.006		0.01				0.01			0.2	0.01		0.05	0.004	0.0001
NEPM (1999) GIL - Drinking Water								0.3		2			9									10	0.3				
NEPM (1999) GIL - Freshwater													0.006						0.01			0.2	0.01				0.0001
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																											
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)					20	20	0.02	0.3	20	0.2|2			9		0.02			30	0.6			10	0.3	0.04	0.2	20	0.0003
Field_ID	**WellCode**	**Sampled_Date-Time**																									
SW1		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW10		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW2		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW4		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW5		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW6		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW7		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW8		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
SW9		21/06/2022	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
Statistical Summary																											
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.005
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			1	1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0025
Median Concentration			1	1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0025
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	0	0	9	0	0	0	0	0	9	0	9	0	0	0	9	0	0	0	9	9	9	9	9
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			OPP																																										
			Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
			mg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL			0.002	2	2	20	2	0.002	20	2	2	2	2	2	2	2	2	2	2	2	2	2	0.002	2	2	2	2	20	2	2	0.02	2	2	2	2	0.002
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems				0.01			0.01					0.01		0.15				0.2				0.05							0.004								
NEPM (1999) GIL - Drinking Water				30	10	2	10					4	5	7	4	4	1	7		7		70		0.7	6			1	20		0.09	20		0.9		
NEPM (1999) GIL - Freshwater							0.01					0.01		0.15				0.2				0.05							0.004								
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																																					
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)				30	10	2	10	0.01			0.15	4	5	7	4	4	1	7	10	7		70		0.7	5	2		1	20	2	0.09	20		0.9		0.1
Field_ID	**WellCode**	**Sampled_Date-Time**																																										
SW1		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW10		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW2		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW4		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW5		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW6		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW7		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW8		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
SW9		21/06/2022	<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
Statistical Summary																																					
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<0.002	<2	<2	<20	<2	<0.002	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.002	<2	<2	<2	<2	<20	<2	<2	<0.02	<2	<2	<2	<2	<0.002
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.001	1	1	10	1	0.001	10	1	1	1	1	1	1	1	1	1	1	1	1	1	0.001	1	1	1	1	10	1	1	0.01	1	1	1	1	0.001
Median Concentration			0.001	1	1	10	1	0.001	10	1	1	1	1	1	1	1	1	1	1	1	1	1	0.001	1	1	1	1	10	1	1	0.01	1	1	1	1	0.001
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	9	0	9	9	0	0	0	9	9	0	9	0	0	9	9	0	0	0	9	0	9	0	0	0	9	9	0	0	0	0	9	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	PAH																
	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	1	0.001	1	1	1	1	1	1	1	1	1	1	1
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems			0.01		0.1						1			16	0.6		
NEPM (1999) GIL - Drinking Water					0.01												
NEPM (1999) GIL - Freshwater														16			
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																	
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)	2000		150		0.01							10000		70	150	150	
Field_ID **WellCode** **Sampled_Date-Time**																	
SW1		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW10		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW2		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW4		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW5		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW6		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW7		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW8		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SW9		21/06/2022	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Statistical Summary																	
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.5	0.5	0.5	0.5	0.5	0.0005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Median Concentration			0.5	0.5	0.5	0.5	0.5	0.0005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	9	0	9	0	0	0	0	0	0	0	0	0	9	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			Heavy Metal								Organic									
			Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Lead (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)	C6-C9	C6-C10	C6-C10 (F1 minus BTEX)	C10-C16	C10-C16 (F2 minus Naphthalene)	C16-C34	C34-C40	C10-C40 (Sum of total)	Naphthalene
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL			0.001	0.0002	0.001	0.001	0.001	0.0001	0.001	0.005	20	20	20	50	50	100	100	100	10
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems				0.0002		0.0014	0.0034	0.00006	0.011	0.008									16
NEPM (1999) GIL - Drinking Water			0.01	0.002		2	0.01	0.001	0.02										
NEPM (1999) GIL - Freshwater			0.013	0.0002	0.001	0.0014	0.0034	0.00006	0.011	0.008									16
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)										3									
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)			0.01	0.002	0.05	2	0.01	0.001	0.02				100		100	90	90		70
Field_ID	**WellCode**	**Sampled_Date-Time**																	
SW1		21/06/2022	<0.001	<0.0002	<0.001	0.023	0.003	<0.0001	0.006	0.042	<20	<20	<20	<50	<50	<100	<100	<100	<10
SW10		21/06/2022	<0.001	<0.0002	<0.001	0.01	0.001	<0.0001	0.012	0.056	<20	<20	<20	<50	<50	<100	<100	<100	<10
SW2		21/06/2022	<0.001	<0.0002	<0.001	0.002	<0.001	<0.0001	0.002	<0.005	<20	<20	<20	<50	<50	<100	<100	<100	<10
SW4		21/06/2022	0.004	<0.0002	<0.001	0.04	0.004	<0.0001	0.009	0.079	<20	<20	<20	<50	<50	<100	<100	<100	<10
SW5		21/06/2022	0.001	<0.0002	<0.001	0.009	<0.001	<0.0001	0.008	0.052	<20	<20	<20	<50	<50	<100	<100	<100	<10
SW6		21/06/2022	<0.001	<0.0002	<0.001	0.015	0.001	<0.0001	0.011	0.042	20	30	30	<50	<50	<100	<100	<100	<10
SW7		21/06/2022	<0.001	<0.0002	<0.001	0.007	<0.001	<0.0001	0.003	0.027	<20	<20	<20	<50	<50	<100	<100	<100	<10
SW8		21/06/2022	0.001	<0.0002	<0.001	0.026	0.002	<0.0001	0.006	0.046	<20	<20	<20	<50	<50	<100	<100	<100	<10
SW9		21/06/2022	<0.001	<0.0002	<0.001	0.012	0.001	<0.0001	0.006	0.094	<20	<20	<20	<50	<50	<100	<100	<100	<10
Statistical Summary																			
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			3	0	0	9	6	0	9	8	1	1	1	0	0	0	0	0	0
Minimum Concentration			<0.001	<0.0002	<0.001	0.002	<0.001	<0.0001	0.002	<0.005	<20	<20	<20	<50	<50	<100	<100	<100	<10
Minimum Detect			0.001	ND	ND	0.002	0.001	ND	0.002	0.027	20	30	30	ND	ND	ND	ND	ND	ND
Maximum Concentration			0.004	<0.0002	<0.001	0.04	0.004	<0.0001	0.012	0.094	20	30	30	<50	<50	<100	<100	<100	<10
Maximum Detect			0.004	ND	ND	0.04	0.004	ND	0.012	0.094	20	30	30	ND	ND	ND	ND	ND	ND
Average Concentration			0.001	0.0001	0.0005	0.016	0.0015	0.00005	0.007	0.049	11	12	12	25	25	50	50	50	5
Median Concentration			0.0005	0.0001	0.0005	0.012	0.001	0.00005	0.006	0.046	10	10	10	25	25	50	50	50	5
Standard Deviation			0.0011	0	0	0.012	0.0013	0	0.0034	0.027	3.3	6.7	6.7	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	0	9	1	9	2	8	0	0	0	0	0	9	9	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	9	1	0	2	8	0	0	0	0	0	0	0	0	0

	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3,5-Trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	1-naphthylamine	Dibenz(a,j)acridine	1-Chloronaphthalene	2,4-Dinitrotoluene	2-chloronaphthalene	2-methylnaphthalene	2,6-dinitrotoluene	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	2-naphthylamine	2-nitroaniline	2-Picoline	3,3-Dichlorobenzidine	4-(dimethylamino) azobenzene	4,4-DDE	4-aminobiphenyl	4-bromophenyl phenyl ether	4-chlorophenyl phenyl ether	a-BHC	Acetophenone	Aldrin	Aniline	b-BHC	Benzyl chloride	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate
	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.005	0.005	5	5	5	5	5	5	5	5	0.005	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0.005	5	5	5	5
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems	0.002	0.003	3	5	85	160	8	260	60				16																	0.001	8						1	
NEPM (1999) GIL - Drinking Water						1500			40																											10	
NEPM (1999) GIL - Freshwater			3		85	160		260	60																					8							
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)								20																													
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)					700	1500	400		40				0.5			0.5								20				20	400	0.02		20	200		3000	10	70000
Field_ID	**WellCode**	**Sampled_Date-Time**																																				
SW1		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW10		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW2		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW4		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW5		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW6		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW7		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW8		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
SW9		21/06/2022	<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
Statistical Summary																																						
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<0.005	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.005	<5	<5	<5	<5
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.0025	0.0025	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5	2.5	2.5
Median Concentration			0.0025	0.0025	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0025	2.5	2.5	2.5	2.5
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			9	9	9	0	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			SVOC																			
			2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,6-Dichlorophenol	2-Chlorophenol	2-Methylphenol	2-Nitrophenol	3&4-Methylphenol (m&p-Cresol)	d-BHC	DDD	DDT	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	Dibenzofuran	4-Nitrophenol	Pentachlorophenol	Dieldrin
			µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	MG/KG	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL			10	10	10	3	3	0.03	3	3	3	10	0.006	5	5	5	30	10	5	30	10	5
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems			10		3	120	2	0.045	34	340						0.006				58	3.6	0.01
NEPM (1999) GIL - Drinking Water					20	200				300						9					10	
NEPM (1999) GIL - Freshwater			10		3	120		0.045		340						0.006					3.6	
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																						
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)			100		20	200			10	300						9				30	10	0.02
Field_ID	**WellCode**	**Sampled_Date-Time**																				
SW1		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW10		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW2		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW4		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW5		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW6		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW7		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW8		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
SW9		21/06/2022	<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
Statistical Summary																						
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<10	<10	<10	<3	<3	<0.03	<3	<3	<3	<10	<0.006	<5	<5	<5	<30	<10	<5	<30	<10	<5
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			5	5	5	1.5	1.5	0.015	1.5	1.5	1.5	5	0.003	2.5	2.5	2.5	15	5	2.5	15	5	2.5
Median Concentration			5	5	5	1.5	1.5	0.015	1.5	1.5	1.5	5	0.003	2.5	2.5	2.5	15	5	2.5	15	5	2.5
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	9	0	9	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

| | | |

			VOC																									
			Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	Total MAH	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3,5-trimethylbenzene	1,3-dichlorobenzene	1,3-dichloropropane	1,4-dichlorobenzene	Methyl Ethyl Ketone	4-chlorotoluene	4-Methyl-2-pentanone	Acetone	Allyl chloride	Bromobenzene	Bromochloromethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
EQL			5	5	1	1	1	1	0.003	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	5	0.005	0.001	1	1
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems						270	400	6500			700				160	1900	900		260	1100	60								
NEPM (1999) GIL - Drinking Water											30				1500	3					40								
NEPM (1999) GIL - Freshwater								6500							160				260		60								
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																			20										
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)					10	400000	4	6		3	30	1000		1	1500	3	40	100000			40	40000	1000				600	40
Field_ID	**WellCode**	**Sampled_Date-Time**																											
SW1		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW10		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW2		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW4		21/06/2022	<5	<5	<1	<1	<1	<1	0.005	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW5		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW6		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW7		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW8		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
SW9		21/06/2022	<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
Statistical Summary																													
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<5	<5	<1	<1	<1	<1	<0.003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
Minimum Detect			ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<5	<5	<1	<1	<1	<1	0.005	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<0.005	<0.001	<1	<1
Maximum Detect			ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			2.5	2.5	0.5	0.5	0.5	0.5	0.0019	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	0.5	2.5	0.0025	0.0005	0.5	0.5
Median Concentration			2.5	2.5	0.5	0.5	0.5	0.5	0.0015	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	0.5	2.5	0.0025	0.0005	0.5	0.5
Standard Deviation			0	0	0	0	0	0	0.0012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

																										Volatile						
			Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Iodomethane	Isopropylbenzene	Styrene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL			1	1	5	1	1	1	1	5	5	5	1	1	1	5	5	1	1	1	1	1	1	1	5	5	1	1	1	2	1	3
ANZG (2018) Freshwater - Slightly to moderately disturbed ecosystems						20	240	55			370						4000		30		330	70				100	950	180	80		350	
NEPM (1999) GIL - Drinking Water					1		3	300									4			30		50				0.3	1	800	300			600
NEPM (1999) GIL - Freshwater																											950				350	
NHMRC (2011) Recommended Drinking Water Guidelines - Aesthetic (Ver 3.5)																																
NHMRC (2011) Recommended Drinking Water Guidelines - Health (Ver 3.5)			6	100	1		3	300	100		200	4000	100			10000	4		40000	30	8	50	1000		20000	0.3	1	800	300			600
Field_ID	**WellCode**	**Sampled_Date-Time**																														
SW1		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
SW10		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
SW2		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
SW4		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	5	<1	<2	<1	<3
SW5		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	1	<1	<2	<1	<3
SW6		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
SW7		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
SW8		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
SW9		21/06/2022	<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
Statistical Summary																																
Number of Results			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Minimum Concentration			<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<2	<1	<3
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND
Maximum Concentration			<1	<1	<5	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	5	<1	<2	<1	<3
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND
Average Concentration			0.5	0.5	2.5	0.5	0.5	0.5	0.5	2.5	2.5	2.5	0.5	0.5	0.5	2.5	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.5	0.5	1.1	0.5	1	0.5	1.5
Median Concentration			0.5	0.5	2.5	0.5	0.5	0.5	0.5	2.5	2.5	2.5	0.5	0.5	0.5	2.5	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.5	0.5	0.5	0.5	1	0.5	1.5
Standard Deviation			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5	0	0	0	0
Number of Guideline Exceedances			0	0	9	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	PFAS																																				
	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanesulfonic acid (PFNS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropropanesulfonic acid (PFPrS)	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	N-ethyl-perfluorooctanesulfonamidoacetic acid	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methyl perfluorooctane sulfonamide (NMeFOSA)	N-methylperfluorooctane sulfonamidoacetic acid	N-methylperfluorooctanesulfonamidoethanol	Perfluorooctane sulfonamide (PFOSA)	Sum of PFAS	Sum of PFHxS and PFOS	Sum of PFAS (WA DER List)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*
	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EQL	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	50	5	10	5	5
NEMP (2020) HIL A - Residential with garden/accessible soil											100									10		10										10			
NEMP (2020) HIL C - Public open space											10000									1000		1000										1000			
NEMP (2020) HIL D - Industrial/ commercial											50000									20000		20000										20000			
NEMP (2020) Ecological (direct exposure)											10000											1000													
NEMP (2020) Ecological (indirect exposure)																						10													
NEMP (2020) HIL B - Residential with minimal opportunities for soil access											20000									2000		2000										2000			
Field_ID	LocCode	Sampled_Date-Time																																			
SED1	SED1	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED10	SED10	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED2	SED2	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED3	SED3	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED4	SED4	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED5	SED5	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED6	SED6	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED7	SED7	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED8	SED8	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
SED9	SED9	21/06/2022	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
Statistical Summary																																					
Number of Results	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<10	<5	<5	<50	<5	<10	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	2.5	2.5	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5	2.5	2.5	5	2.5	2.5	25	2.5	5	2.5	2.5
Median Concentration	2.5	2.5	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5	2.5	2.5	5	2.5	2.5	25	2.5	5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5. Groundwater Gauging Results
Bradfield City Centre
0571466 - Detailed Site Investigation

Well ID	Gauging Date	Event	Screened interval (mbTOC)	Total Measured Depth (mbTOC)	Depth to PSH (mbTOC)	Depth to Water (mbTOC)	PSH Thickness (m)	Well Condition/Comments
MW01	24/Jun/22	GME	10.1 - 13.1	13.560	--	4.53	--	grey-brown, very turbid, no odour.
MW02	24/Jun/22	GME	5.5 - 8.5	13.685	--	2.388	--	Clear, no odour.
MW03	24/Jun/22	GME	4.5 - 7.5	8.668	--	2.856	--	Clear, no odour.
MW04	24/Jun/22	GME	10.2 - 13.2	13.208	--	5.959	--	grey-brown, very turbid, no odour.
MW05	24/Jun/22	GME	7.4 - 10.4	9.149	--	3.684	--	Brown, turbid, no odour.
MW06	24/Jun/22	GME	2.0 - 5.0	--	--	3.215	--	Orange-brown, very turbid, no odour.
MW07	24/Jun/22	GME	14.0 - 21.5	20.008	--	9.721	--	Clear, no odour.
MW08	24/Jun/22	GME	5.1 - 8.1	9.022	--	2.110	--	Clear, no odour.
MW09	24/Jun/22	GME	8.9 - 11.9	10.072	--	2.482	--	Clear, no odour.
MW10	24/Jun/22	GME	8.85 - 11.85	12.950	--	3.651	--	
MW11	24/Jun/22	GME	2.9 - 5.9	6.465	--	5.671	--	No odour.

DRAFT

Well ID	DO (mg/L)	EC (µScm-1)	pH	Eh (mV)	Temp. (°C)	Comments
MW01	0.50	23684	6.98	-45	16.2	
MW02	0.62	24267	6.89	-55.9	15.8	
MW03	1.48	15,970	7.29	-30.3	15.4	
MW04	27.90	15298	6.73	-3.7	15.0	
MW05	1.57	17592	6.90	-69.3	16.7	
MW06	1.80	11688	6.74	11.9	16.1	
MW07	0.68	18836	6.83	-51.4	16.4	
MW08	10.90	18719	6.84	-17.2	15.3	
MW09	3.71	18880	7.19	-2.3	15.9	
MW10	1.38	18728	6.77	-0.5	17.0	
MW11	1.19	16466	7.27	-35.7	16.2	

Notes:

MW	Monitoring Well
DO	Dissolved Oxygen
mg/L	milligrams per litre
EC	Electrical Conductivity
μScm^{-1}	microsiemens per centimetre
Eh	Redox
mV	millivolts
L	Litres

Equipment: YSI-20M101183

Operator: Miranda Dimmick / Indiana Strachan

DRAFT

Filter: SDG in('15 Feb 2022','09 Feb 2022','14 Feb 2022')

Lab Report Number	900392	900392		900799	900799		900799	900799	
Field ID	SW2	D01_20220621	**RPD**	MW05	D01_20220624	**RPD**	MW04	D02_20220624	**RPD**
Sampled Date/Time	21/06/2022	21/06/2022		24/06/2022	24/06/2022		24/06/2022	24/06/2022	
ChemName	**Units**	**EQL**									
C6-C10	µg/l	20	<20.0	<20.0	0	<20.0	<20.0	0			
C6-C10 (F1 minus BTEX)	µg/l	20	<20.0	<20.0	0	<20.0	<20.0	0			
C10-C16	µg/l	50	<50.0	<50.0	0	<500.0	50.0	0			
C10-C16 (F2 minus Naphthalene)	µg/l	50	<50.0	<50.0	0	<500.0	50.0	0			
C16-C34	µg/l	100	<100.0	<100.0	0	<1000.0	<100.0	0			
C34-C40	µg/l	100	<100.0	<100.0	0	<1000.0	<100.0	0			
C10-C40 (Sum of total)	µg/l	100	<100.0	<100.0	0	<1000.0	<100.0	0			
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorobutanoic acid (PFBA)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Perfluorodecanoic acid (PFDA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorododecanoic acid (PFDoDA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluoroheptanoic acid (PFHpA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorohexanoic acid (PFHxA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorononanoic acid (PFNA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorooctanoic acid (PFOA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluoropentanoic acid (PFPeA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorotetradecanoic acid (PFTeDA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorotridecanoic acid (PFTrDA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluoroundecanoic acid (PFUnDA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorobutane sulfonic acid (PFBS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorodecanesulfonic acid (PFDS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluoroheptane sulfonic acid (PFHpS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorohexane sulfonic acid (PFHxS)	µg/L	0.01	0.01	0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorononanesulfonic acid (PFNS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorooctanesulfonic acid (PFOS)	µg/L	0.01	0.01	0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluoropentane sulfonic acid (PFPeS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
Perfluoropropanesulfonic acid (PFPrS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
N-methylperfluorooctane sulfonamidoacetic acid	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
N-methylperfluorooctanesulfonamidoethanol	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Perfluorooctane sulfonamide (PFOSA)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Sum of PFAS	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
Sum of PFHxS and PFOS	µg/L	0.01	0.02	0.02	0	<0.01	<0.01	0	<0.01	<0.01	0
Sum of PFAS (WA DER List)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/L	0.01	0.02	0.02	0	<0.01	<0.01	0	<0.01	<0.01	0
Sum of US EPA PFAS (PFOS + PFOA)*	µg/L	0.01	0.01	0.01	0	<0.01	<0.01	0	<0.01	<0.01	0
2,3,4,6-Tetrachlorophenol	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0			
2,4,5-Trichlorophenol	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0			
2,4,6-Trichlorophenol	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0			
2,4-Dichlorophenol	µg/l	3	<3.0	<3.0	0	<3.0	<3.0	0			
2,4-Dimethylphenol	µg/l	3	<3.0	<3.0	0	<3.0	<3.0	0			
2,4-Dinitrophenol	mg/l	0.03	<0.03	<0.03	0	<0.03	<0.03	0			
2,6-Dichlorophenol	µg/l	3	<3.0	<3.0	0	<3.0	<3.0	0			
2-Chlorophenol	µg/l	3	<3.0	<3.0	0	<3.0	<3.0	0			
2-Methylphenol	µg/l	3	<3.0	<3.0	0	<3.0	<3.0	0			
2-Nitrophenol	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0			
3&4-Methylphenol (m&p-Cresol)	MG/K	0.006	<0.006	<0.006	0	<0.006	<0.006	0			
4,6-Dinitro-2-methylphenol	µg/l	30	<30.0	<30.0	0	<30.0	<30.0	0			
4-chloro-3-methylphenol	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0			
4-Nitrophenol	µg/l	30	<30.0	<30.0	0	<30.0	<30.0	0			
Pentachlorophenol	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0			
Phenol	µg/l	3	<3.0	<3.0	0	<3.0	<3.0	0			
N-nitrosodi-n-butylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
N-nitrosodi-n-propylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1-naphthylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
2-naphthylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Diphenylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
2-nitroaniline	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Aniline	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			

Filter: SDG in('15 Feb 2022','09 Feb 2022','14 Feb 2022')

Lab Report Number	900392	900392		900799	900799		900799	900799	
Field ID	SW2	D01_20220621	RPD	MW05	D01_20220624	RPD	MW04	D02_20220624	RPD
Sampled Date/Time	21/06/2022	21/06/2022		24/06/2022	24/06/2022		24/06/2022	24/06/2022	
ChemName	**Units**	**EQL**							
Benzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Toluene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Ethylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Xylene (m & p)	µg/l	2	<2.0	<2.0	0	<2.0	<2.0	0			
Xylene (o)	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Xylene Total	µg/l	3	<3.0	<3.0	0	<3.0	<3.0	0			
Benzyl chloride	mg/l	0.005	<0.005	<0.005	0	<0.005	<0.005	0			
Hexachlorobutadiene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Hexachlorocyclopentadiene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Hexachloroethane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Chlorinated hydrocarbons EPAVic	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Other chlorinated hydrocarbons EPAVic	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,1,1,2-tetrachloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,1,1-trichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,1,2,2-tetrachloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,1,2-trichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,1-dichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,1-dichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,2,3-trichloropropane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,2-dichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,2-dichloropropane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,3-dichloropropane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Bromochloromethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Bromodichloromethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Bromoform	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Carbon tetrachloride	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Chlorodibromomethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Chloroethane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Chloroform	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Chloromethane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
cis-1,2-dichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
cis-1,3-dichloropropene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Dibromomethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Dichloromethane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Trichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Tetrachloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
trans-1,2-dichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
trans-1,3-dichloropropene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Vinyl chloride	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
2,4-Dinitrotoluene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
2,6-dinitrotoluene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Nitrobenzene	µg/l	50	<50.0	<50.0	0						
Nitrobenzene	µg/l	5				<5.0	<5.0	0			
Hexachlorobenzene	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
1,2,3,4-tetrachlorobenzene	mg/l	0.005	<0.005	<0.005	0	<0.005	<0.005	0			
1,2,3,5-Tetrachlorobenzene	mg/l	0.005	<0.005	<0.005	0	<0.005	<0.005	0			
1,2,3-trichlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,2,4,5-tetrachlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,2,4-trichlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,2-dichlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,3,5-Trichlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,3-dichlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,4-dichlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Hexachlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Pentachlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
1,2-dichlorobenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,3-dichlorobenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,4-dichlorobenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
4-chlorotoluene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Bromobenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			

Filter: SDG in('15 Feb 2022','09 Feb 2022','14 Feb 2022')

Lab Report Number	900392	900392		900799	900799		900799	900799	
Field ID	SW2	D01_20220621	RPD	MW05	D01_20220624	RPD	MW04	D02_20220624	RPD
Sampled Date/Time	21/06/2022	21/06/2022		24/06/2022	24/06/2022		24/06/2022	24/06/2022	
ChemName	**Units**	**EQL**							
Chlorobenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,2-dibromoethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Bromomethane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Dichlorodifluoromethane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Iodomethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Trichlorofluoromethane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Pronamide	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Trifluralin	mg/l	0.005	<0.005	<0.005	0	<0.005	<0.005	0			
Total MAH	mg/l	0.003	<0.003	<0.003	0	<0.003	<0.003	0			
1,2,4-trimethylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
1,3,5-trimethylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Isopropylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Styrene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Arsenic (Filtered)	mg/l	0.001	<0.001	<0.001	0	<0.001	<0.001	0			
Cadmium (Filtered)	mg/l	0.0002	<0.0002	<0.0002	0	<0.0002	<0.0002	0			
Chromium (III+VI) (Filtered)	mg/l	0.001	<0.001	<0.001	0	<0.001	<0.001	0			
Copper (Filtered)	mg/l	0.001	**0.002**	**0.01**	**133**	**0.003**	**<0.001**	**100**			
Lead (Filtered)	mg/l	0.001	<0.001	0.001	0	<0.001	<0.001	0			
Mercury (Filtered)	mg/l	0.0001	<0.0001	<0.0001	0	<0.0001	<0.0001	0			
Nickel (Filtered)	mg/l	0.001	**0.002**	**0.012**	**143**	0.001	<0.001	0			
Zinc (Filtered)	mg/l	0.005	**<0.005**	**0.054**	**166**	0.011	0.009	20			
2-Picoline	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
4-aminobiphenyl	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Pentachloronitrobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Organochlorine pesticides EPAVic	µg/l	2	<2.0	<2.0	0	<10.0	<2.0	0			
Other organochlorine pesticides EPAVic	µg/l	2	<2.0	<2.0	0	<10.0	<2.0	0			
4,4-DDE	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
a-BHC	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Aldrin	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Aldrin + Dieldrin	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
b-BHC	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
chlordane	µg/l	2	<2.0	<2.0	0	<10.0	<2.0	0			
d-BHC	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
DDD	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
DDT	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
DDT+DDE+DDD	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Dieldrin	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Endosulfan I	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			

DRAFT

Filter: SDG in('15 Feb 2022','09 Feb 2022','14 Feb 2022')

Lab Report Number	900392	900392		900799	900799		900799	900799	
Field ID	SW2	D01_20220621	RPD	MW05	D01_20220624	RPD	MW04	D02_20220624	RPD
Sampled Date/Time	21/06/2022	21/06/2022		24/06/2022	24/06/2022		24/06/2022	24/06/2022	
ChemName	**Units**	**EQL**							
Endosulfan II	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Endosulfan sulphate	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Endrin	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Endrin aldehyde	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Endrin ketone	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
g-BHC (Lindane)	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Heptachlor	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Heptachlor epoxide	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Methoxychlor	µg/l	0.2	<0.2	<0.2	0	<5.0	<0.2	0			
Toxaphene	mg/l	0.005	<0.005	<0.005	0	<0.1	<0.005	0			
4,4-DDE	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
a-BHC	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Aldrin	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
b-BHC	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
d-BHC	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
DDD	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
DDT	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Dieldrin	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Endosulfan I	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Endosulfan II	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Endosulfan sulphate	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Endrin	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Endrin aldehyde	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Endrin ketone	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
g-BHC (Lindane)	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Heptachlor	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Heptachlor epoxide	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Methoxychlor	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Tokuthion	mg/l	0.002	<0.002	<0.002	0	<0.005	<0.002	0			
Azinophos methyl	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Bolstar (Sulprofos)	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Chlorfenvinphos	µg/l	20	<20.0	<20.0	0	<20.0	<20.0	0			
Chlorpyrifos	µg/l	2	<2.0	<2.0	0	<50.0	<2.0	0			
Chlorpyrifos-methyl	mg/l	0.002	<0.002	<0.002	0	<0.005	<0.002	0			
Coumaphos	µg/l	20	<20.0	<20.0	0	<50.0	<20.0	0			
Demeton-O	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Demeton-S	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Diazinon	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Dichlorvos	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Dimethoate	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Disulfoton	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Ethion	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Ethoprop	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Fenitrothion	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Fensulfothion	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Fenthion	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
EPN	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Malathion	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Merphos	mg/l	0.002	<0.002	<0.002	0	<0.005	<0.002	0			
Methyl parathion	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Mevinphos (Phosdrin)	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Monocrotophos	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Naled (Dibrom)	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Omethoate	µg/l	20	<20.0	<20.0	0	<20.0	<20.0	0			
Phorate	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Pyrazophos	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Ronnel	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			

Filter: SDG in('15 Feb 2022','09 Feb 2022','14 Feb 2022')

Lab Report Number	900392	900392		900799	900799		900799	900799	
Field ID	SW2	D01_20220621	RPD	MW05	D01_20220624	RPD	MW04	D02_20220624	RPD
Sampled Date/Time	21/06/2022	21/06/2022		24/06/2022	24/06/2022		24/06/2022	24/06/2022	
ChemName	**Units**	**EQL**							
Terbufos	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Trichloronate	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Tetrachlorvinphos	mg/l	0.002	<0.002	<0.002	0	<0.005	<0.002	0			
Acetophenone	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Naphthalene	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0			
Acenaphthene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Acenaphthylene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Anthracene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Benz(a)anthracene	µg/l	1	<1.0	<1.0	0	2.0	<1.0	67			
Benzo(a) pyrene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Benzo(b+j)fluoranthene	mg/l	0.001	<0.001	<0.001	0	<0.001	<0.001	0			
Benzo(g,h,i)perylene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Benzo(k)fluoranthene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Chrysene	µg/l	1	<1.0	<1.0	0	1.0	<1.0	0			
Dibenz(a,h)anthracene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Fluoranthene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Fluorene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Indeno(1,2,3-c,d)pyrene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Naphthalene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
Phenanthrene	µg/l	1	<1.0	<1.0	0	1.0	<1.0	0			
Pyrene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
PAHs (Sum of total)	µg/l	1	<1.0	<1.0	0	**4.0**	**<1.0**	**120**			
1-Chloronaphthalene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
2-chloronaphthalene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
2-methylnaphthalene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
3-methylcholanthrene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
7,12-dimethylbenz(a)anthracene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Parathion	µg/l	2	<2.0	<2.0	0	<5.0	<2.0	0			
Pirimiphos-methyl	mg/l	0.02	<0.02	<0.02	0	<0.05	<0.02	0			
Bis(2-ethylhexyl) phthalate	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Butyl benzyl phthalate	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Diethylphthalate	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Dimethyl phthalate	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Di-n-butyl phthalate	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Di-n-octyl phthalate	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Methyl Ethyl Ketone	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
4-Methyl-2-pentanone	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Acetone	mg/l	0.005	<0.005	<0.005	0	<0.005	<0.005	0			
Allyl chloride	mg/l	0.001	<0.001	<0.001	0	<0.001	<0.001	0			
Carbon disulfide	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0			
3,3-Dichlorobenzidine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
4-(dimethylamino) azobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
4-bromophenyl phenyl ether	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
4-chlorophenyl phenyl ether	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Bis(2-chloroethoxy) methane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Bis(2-chloroisopropyl) ether	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
Dibenzofuran	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
N-nitrosopiperidine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0			
C6-C9	µg/l	20	<20.0	<20.0	0	<20.0	<20.0	0			
C10-C14	µg/l	50	<50.0	<50.0	0	<500.0	110.0	0			
C15-C28	µg/l	100	<100.0	<100.0	0	<1000.0	<100.0	0			
C29-C36	µg/l	100	<100.0	<100.0	0	<1000.0	<100.0	0			
C10-C36	µg/l	100	<100.0	<100.0	0	<1000.0	110.0	0			
Dibenz(a.j)acridine	mg/l	0.005	<0.005	<0.005	0	<0.005	<0.005	0			

Field Duplicates (SOIL)			**Lab Report Number**	900392	900392	
			Field ID	SED2	D01_20220621	**RPD**
			Sampled Date/Time	21/06/2022	21/06/2022	
Method_Type	**ChemName**	**Units**	**EQL**			
PFAS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/kg	5	<5.0	<5.0	0
	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/kg	5	<5.0	<5.0	0
	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/kg	10	<10.0	<10.0	0
	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/kg	5	<5.0	<5.0	0
	Perfluorobutanoic acid (PFBA)	µg/kg	5	<5.0	<5.0	0
	Perfluorodecanoic acid (PFDA)	µg/kg	5	<5.0	<5.0	0
	Perfluorododecanoic acid (PFDoDA)	µg/kg	5	<5.0	<5.0	0
	Perfluoroheptanoic acid (PFHpA)	µg/kg	5	<5.0	<5.0	0
	Perfluorohexanoic acid (PFHxA)	µg/kg	5	<5.0	<5.0	0
	Perfluorononanoic acid (PFNA)	µg/kg	5	<5.0	<5.0	0
	Perfluorooctanoic acid (PFOA)	µg/kg	5	<5.0	<5.0	0
	Perfluoropentanoic acid (PFPeA)	µg/kg	5	<5.0	<5.0	0
	Perfluorotetradecanoic acid (PFTeDA)	µg/kg	5	<5.0	<5.0	0
	Perfluorotridecanoic acid (PFTrDA)	µg/kg	5	<5.0	<5.0	0
	Perfluoroundecanoic acid (PFUnDA)	µg/kg	5	<5.0	<5.0	0
	Perfluorobutane sulfonic acid (PFBS)	µg/kg	5	<5.0	<5.0	0
	Perfluorodecanesulfonic acid (PFDS)	µg/kg	5	<5.0	<5.0	0
	Perfluoroheptane sulfonic acid (PFHpS)	µg/kg	5	<5.0	<5.0	0
	Perfluorohexane sulfonic acid (PFHxS)	µg/kg	5	<5.0	<5.0	0
	Perfluorononanesulfonic acid (PFNS)	µg/kg	5	<5.0	<5.0	0
	Perfluorooctanesulfonic acid (PFOS)	µg/kg	5	<5.0	<5.0	0
	Perfluoropentane sulfonic acid (PFPeS)	µg/kg	5	<5.0	<5.0	0
	Perfluoropropanesulfonic acid (PFPrS)	µg/kg	5	<5.0	<5.0	0
	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/kg	5	<5.0	<5.0	0
	N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/kg	10	<10.0	<10.0	0
	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/kg	5	<5.0	<5.0	0
	N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/kg	5	<5.0	<5.0	0
	N-methylperfluorooctane sulfonamidoacetic acid	µg/kg	10	<10.0	<10.0	0
	N-methylperfluorooctanesulfonamidoethanol	µg/kg	5	<5.0	<5.0	0
	Perfluorooctane sulfonamide (PFOSA)	µg/kg	5	<5.0	<5.0	0
	Sum of PFAS	µg/kg	50	<50.0	<50.0	0
	Sum of PFHxS and PFOS	µg/kg	5	<5.0	<5.0	0
	Sum of PFAS (WA DER List)	µg/kg	10	<10.0	<10.0	0
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/kg	5	<5.0	<5.0	0
	Sum of US EPA PFAS (PFOS + PFOA)*	µg/kg	5	<5.0	<5.0	0
Inorganic	Moisture Content (dried @ 103°C)	%	1	46.0	46.0	0

*RPDs have only been considered where a concentration is greater than 1 times the EQL.
**High RPDs are in bold (Acceptable RPDs for each EQL multiplier range are: 80 (1-10 x EQL); 50 (10-30 x EQL); 30 (> 30 x EQL))
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary la

			Lab Report Number	838534	838534		838535	838536		838535	838536		838536	838536		838536	838536		838537	838538		838534	ES2140544	
			Field ID	AI_TP239_0.3	AI_20211101_D03	**RPD**	AI_TP214_0.3	AI_20211102_D01	**RPD**	AI_TP208_0.3	AI_20211102_D02	**RPD**	AI_TP203_0.1	AI_20211102_D03	**RPD**	AI_TP201_0.3	AI_20211102_D04	**RPD**	AI_TP226_0.1	AI_20211103_D01	**RPD**	AI_TP239_0.3	20211101_T03	**RPD**
			Sampled Date/Time	1/11/2021	1/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		3/11/2021	3/11/2021		1/11/2021	1/11/2021	
Method_Type	**ChemName**	**Units**	**EQL**																						
Organic	C6-C10	mg/kg	20 (Primary): 10 (Interlab)				<20.0	<20.0	0				<20.0	<20.0	0				<20.0	<20.0	0			
	C6-C10 (F1 minus BTEX)	mg/kg	20 (Primary): 10 (Interlab)				<20.0	<20.0	0				<20.0	<20.0	0				<20.0	<20.0	0			
	C10-C16	mg/kg	50				<50.0	<50.0	0				<50.0	<50.0	0				<50.0	<50.0	0			
	C10-C16 (F2 minus Naphthalene)	mg/kg	50				<50.0	<50.0	0				<50.0	<50.0	0				<50.0	<50.0	0			
	C16-C34	mg/kg	100				<100.0	<100.0	0				<100.0	<100.0	0				<100.0	<100.0	0			
	C34-C40	mg/kg	100				<100.0	<100.0	0				<100.0	<100.0	0				<100.0	<100.0	0			
	C10-C40 (Sum of total)	mg/kg	100 (Primary): 50 (Interlab)				<100.0	<100.0	0				<100.0	<100.0	0				<100.0	<100.0	0			
PFAS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/kg	10 (Primary): 0.5 (Interlab)	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.5	0
	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	Perfluorobutanoic acid (PFBA)	µg/kg	5 (Primary): 1 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<1.0	0
	Perfluorodecanoic acid (PFDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorododecanoic acid (PFDoDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoroheptanoic acid (PFHpA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorohexanoic acid (PFHxA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorononanoic acid (PFNA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorooctanoic acid (PFOA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoropentanoic acid (PFPeA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorotetradecanoic acid (PFTeDA)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	Perfluorotridecanoic acid (PFTrDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoroundecanoic acid (PFUnDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorobutane sulfonic acid (PFBS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorodecanesulfonic acid (PFDS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoroheptane sulfonic acid (PFHpS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorohexane sulfonic acid (PFHxS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorononanesulfonic acid (PFNS)	µg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
	Perfluorooctanesulfonic acid (PFOS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoropentane sulfonic acid (PFPeS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoropropanesulfonic acid (PFPrS)	µg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2	0
	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	N-methylperfluorooctane sulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2	0
	N-methylperfluorooctanesulfonamidoethanol	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	Perfluorooctane sulfonamide (PFOSA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Sum of PFAS	µg/kg	50 (Primary): 0.2 (Interlab)	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<0.2	0
	Sum of PFHxS and PFOS	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Sum of PFAS (WA DER List)	µg/kg	10 (Primary): 0.2 (Interlab)	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2	0
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
	Sum of US EPA PFAS (PFOS + PFOA)*	µg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
SVOC	2,3,4,6-Tetrachlorophenol	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	2,4,5-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0			
	2,4,6-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0			
	2,4-Dichlorophenol	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	2,4-Dimethylphenol	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<2.5	0			
	2,4-Dinitrophenol	mg/kg	5				<5.0	<5.0	0				<5.0	<5.0	0				<5.0	<5.0	0			
	2,6-Dichlorophenol	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	2-Chlorophenol	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	2-Methylphenol	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0			
	2-Nitrophenol	mg/kg	1 (Primary): 0.5 (Interlab)				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0			
	3&4-Methylphenol (m&p-Cresol)	mg/kg	0.4				<0.4	<0.4	0				<0.4	<0.4	0				<0.4	<0.4	0			
	4,6-Dinitro-2-methylphenol	mg/kg	5				<5.0	<5.0	0				<5.0	<5.0	0				<5.0	<5.0	0			
	4-chloro-3-methylphenol	mg/kg	1 (Primary): 0.5 (Interlab)				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0			
	4-Nitrophenol	mg/kg	5				<5.0	<5.0	0				<5.0	<5.0	0				<5.0	<5.0	0			
	Pentachlorophenol	mg/kg	1				<1.0	<1.0	0				<2.0	<1.0	0				<1.0	<1.0	0			
	Phenol	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	N-nitrosodi-n-butylamine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	N-nitrosodi-n-propylamine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1-naphthylamine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	2-naphthylamine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<1.0	<0.5	0			
	Diphenylamine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	2-nitroaniline	mg/kg	1				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0			
	Aniline	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
Volatile	Benzene	mg/kg	0.1 (Primary): 0.2 (Interlab)				<0.1						<0.1	<0.1	0									
	Toluene	mg/kg	0.1 (Primary): 0.5 (Interlab)				<0.1						<0.1	<0.1	0									
	Ethylbenzene	mg/kg	0.1 (Primary): 0.5 (Interlab)				<0.1						<0.1	<0.1	0									
	Xylene (m & p)	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2						<0.2	<0.2	0									
	Xylene (o)	mg/kg	0.1 (Primary): 0.5 (Interlab)				<0.1						<0.1	<0.1	0									
	Xylene Total	mg/kg	0.3 (Primary): 0.5 (Interlab)				<0.3						<0.3	<0.3	0									
SVOC	Benzyl chloride	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Hexachlorobutadiene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Hexachlorocyclopentadiene	mg/kg	1 (Primary): 2.5 (Interlab)				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0			
	Hexachloroethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
VOC	Chlorinated hydrocarbons EPAVic	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Other chlorinated hydrocarbons EPAVic	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,1,1,2-tetrachloroethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,1,1-trichloroethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,1,2,2-tetrachloroethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,1,2-trichloroethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			

			Lab Report Number	838534	838534		838535	838536		838535	838536		838536	838536		838536	838536		838537	838538		838534	ES2140544	
			Field ID	AI_TP239_0.3	AI_20211101_D03	**RPD**	AI_TP214_0.3	AI_20211102_D01	**RPD**	AI_TP208_0.3	AI_20211102_D02	**RPD**	AI_TP203_0.1	AI_20211102_D03	**RPD**	AI_TP201_0.3	AI_20211102_D04	**RPD**	AI_TP226_0.1	AI_20211103_D01	**RPD**	AI_TP239_0.3	20211101_T03	**RPD**
			Sampled Date/Time	1/11/2021	1/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		3/11/2021	3/11/2021		1/11/2021	1/11/2021	
Method_Type	**ChemName**	**Units**	**EQL**																						
	1,1-dichloroethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,1-dichloroethene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2,3-trichloropropane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2-dichloroethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2-dichloropropane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,3-dichloropropane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Bromochloromethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Bromodichloromethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Bromoform	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Carbon tetrachloride	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Chlorodibromomethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Chloroethane	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Chloroform	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Chloromethane	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	cis-1,2-dichloroethene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	cis-1,3-dichloropropene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Dibromomethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Dichloromethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Trichloroethene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Tetrachloroethene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	trans-1,2-dichloroethene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	trans-1,3-dichloropropene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Vinyl chloride	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
SVOC	2,4-Dinitrotoluene	mg/kg	0.5 (Primary): 1 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	2,6-dinitrotoluene	mg/kg	1				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0			
	Nitrobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
OCP	Hexachlorobenzene	mg/kg	0.05 (Primary): 1 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0			
SVOC	1,2,3,4-tetrachlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2,3,5-Tetrachlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2,3-trichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2,4,5-tetrachlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2,4-trichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2-dichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,3,5-Trichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,3-dichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,4-dichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Hexachlorobenzene	mg/kg	0.5 (Primary): 1 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Pentachlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
VOC	1,2-dichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,3-dichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,4-dichlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	4-chlorotoluene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Bromobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Chlorobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2-dibromoethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Bromomethane	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Dichlorodifluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Iodomethane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Trichlorofluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
SVOC	Pronamide	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Trifluralin	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
Inorganic	Moisture Content (dried @ 103°C)	%	1	17.0	16.0	6	18.0	16.0	12	18.0	18.0	0	15.0	17.0	13	17.0	15.0	13	16.0	18.0	12	17.0		
VOC	Total MAH	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,2,4-trimethylbenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	1,3,5-trimethylbenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Isopropylbenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Styrene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
Heavy Metal	Arsenic	mg/kg	2 (Primary): 5 (Interlab)				4.4	3.7	17				**4.8**	**12.0**	**86**				8.4	9.5	12			
	Cadmium	mg/kg	0.4 (Primary): 1 (Interlab)				<0.4	<0.4	0				<0.4	<0.4	0				<0.4	<0.4	0			
	Chromium (III+VI)	mg/kg	5 (Primary): 2 (Interlab)				21.0	16.0	27				**13.0**	**35.0**	**92**				20.0	24.0	18			
	Copper	mg/kg	5				22.0	17.0	26				5.4	9.6	56				14.0	16.0	13			
	Lead	mg/kg	5				16.0	9.9	47				13.0	29.0	76				23.0	24.0	4			
	Mercury	mg/kg	0.1				<0.1	<0.1	0				<0.1	<0.1	0				<0.1	<0.1	0			
	Nickel	mg/kg	5 (Primary): 2 (Interlab)				13.0	6.2	71				<5.0	9.3	60				12.0	12.0	0			
	Zinc	mg/kg	5				21.0	17.0	21				8.8	19.0	73				30.0	29.0	3			
SVOC	2-Picoline	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	4-aminobiphenyl	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
	Pentachloronitrobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0			
OCP	Organochlorine pesticides EPAVic	mg/kg	0.1				<0.1	<0.1	0				<0.1	<0.1	0				<0.1	<0.1	0			
	Other organochlorine pesticides EPAVic	mg/kg	0.1				<0.1	<0.1	0				<0.1	<0.1	0				<0.1	<0.1	0			
	4,4-DDE	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0			
	a-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0			
	Aldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0			
	Aldrin + Dieldrin	mg/kg	0.05				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0			
	b-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0			
	chlordane	mg/kg	0.1 (Primary): 0.05 (Interlab)				<0.1	<0.1	0				<0.1	<0.1	0				<0.1	<0.1	0			

			Lab Report Number	838534	838534		838535	838536		838535	838536		838536	838536		838536	838536		838537	838538		838534	ES2140544							
			Field ID	AI_TP239_0.3	AI_20211101_D03	**RPD**	AI_TP214_0.3	AI_20211102_D01	**RPD**	AI_TP208_0.3	AI_20211102_D02	**RPD**	AI_TP203_0.1	AI_20211102_D03	**RPD**	AI_TP201_0.3	AI_20211102_D04	**RPD**	AI_TP226_0.1	AI_20211103_D01	**RPD**	AI_TP239_0.3	20211101_T03	**RPD**						
			Sampled Date/Time	1/11/2021	1/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		3/11/2021	3/11/2021		1/11/2021	1/11/2021							
Method_Type	**ChemName**	**Units**	**EQL**																											
	d-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	DDD	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	DDT	mg/kg	0.05 (Primary): 1 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	DDT+DDE+DDD	mg/kg	0.05				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Dieldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Endosulfan I	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Endosulfan II	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Endosulfan sulphate	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Endrin	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Endrin aldehyde	mg/kg	0.05				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Endrin ketone	mg/kg	0.05				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	g-BHC (Lindane)	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Heptachlor	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Heptachlor epoxide	mg/kg	0.05 (Primary): 0.5 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Methoxychlor	mg/kg	0.05 (Primary): 0.2 (Interlab)				<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0									
	Toxaphene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
SVOC	4,4-DDE	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	a-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Aldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	b-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	d-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	DDD	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	DDT	mg/kg	1 (Primary): 0.2 (Interlab)				<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0									
	Dieldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Endosulfan I	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Endosulfan II	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Endosulfan sulphate	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Endrin	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Endrin aldehyde	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Endrin ketone	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	g-BHC (Lindane)	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Heptachlor	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Heptachlor epoxide	mg/kg	0.5 (Primary): 0.05 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Methoxychlor	mg/kg	0.5 (Primary): 0.2 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
OPP	Tokuthion	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Azinophos methyl	mg/kg	0.2 (Primary): 0.05 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Bolstar (Sulprofos)	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Chlorfenvinphos	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Chlorpyrifos	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Chlorpyrifos-methyl	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Coumaphos	mg/kg	2				<2.0	<2.0	0				<2.0	<2.0	0				<2.0	<2.0	0									
	Demeton-O	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Demeton-S	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Diazinon	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Dichlorvos	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Dimethoate	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Disulfoton	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Ethion	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Ethoprop	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Fenitrothion	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Fensulfothion	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Fenthion	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	EPN	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Malathion	mg/kg	0.2 (Primary): 0.5 (Interlab)				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Merphos	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Methyl parathion	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Mevinphos (Phosdrin)	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Monocrotophos	mg/kg	2 (Primary): 0.2 (Interlab)				<2.0	<2.0	0				<2.0	<2.0	0				<2.0	<2.0	0									
	Naled (Dibrom)	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Omethoate	mg/kg	2				<2.0	<2.0	0				<2.0	<2.0	0				<2.0	<2.0	0									
	Phorate	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Pyrazophos	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Ronnel	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Terbufos	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Trichloronate	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
	Tetrachlorvinphos	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0									
SVOC	Acetophenone	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
Organic	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
PAH	Acenaphthene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Acenaphthylene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Anthracene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Benz(a)anthracene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0															
	Benzo(a) pyrene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0															
	Benzo(b+j)fluoranthene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0															
	Benzo(g,h,i)perylene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0															
	Benzo(k)fluoranthene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0															
	Chrysene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Dibenz(a,h)anthracene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0															
	Fluoranthene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Fluorene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0									
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0															

			Lab Report Number	838534	838534		838535	838536		838535	838536		838536	838536		838536	838536		838537	838538		838534	ES2140544									
			Field ID	AI_TP239_0.3	AI_20211101_D03	**RPD**	AI_TP214_0.3	AI_20211102_D01	**RPD**	AI_TP208_0.3	AI_20211102_D02	**RPD**	AI_TP203_0.1	AI_20211102_D03	**RPD**	AI_TP201_0.3	AI_20211102_D04	**RPD**	AI_TP226_0.1	AI_20211103_D01	**RPD**	AI_TP239_0.3	20211101_T03	**RPD**								
			Sampled Date/Time	1/11/2021	1/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		3/11/2021	3/11/2021		1/11/2021	1/11/2021									
Method_Type	**ChemName**	**Units**	**EQL**																													
	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Phenanthrene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Pyrene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Benzo(a)pyrene TEQ calc (Half)	mg/kg	0.5				0.6	0.6	0				0.6	0.6	0																	
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5				1.2	1.2	0				1.2	1.2	0																	
	Benzo(a)pyrene TEQ calc (Zero)	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	PAHs (Sum of total)	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
SVOC	1-Chloronaphthalene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	2-chloronaphthalene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	2-methylnaphthalene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	3-methylcholanthrene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	7,12-dimethylbenz(a)anthracene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
OPP	Parathion	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0											
	Pirimiphos-methyl	mg/kg	0.2				<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0											
SVOC	Bis(2-ethylhexyl) phthalate	mg/kg	5				<5.0	<5.0	0				<5.0	<5.0	0				<5.0	<5.0	0											
	Butyl benzyl phthalate	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Diethylphthalate	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Dimethyl phthalate	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Di-n-butyl phthalate	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Di-n-octyl phthalate	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
VOC	Methyl Ethyl Ketone	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	4-Methyl-2-pentanone	mg/kg	0.5 (Primary): 5 (Interlab)				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Acetone	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Allyl chloride	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Carbon disulfide	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
SVOC	3,3-Dichlorobenzidine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	4-(dimethylamino) azobenzene	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	4-bromophenyl phenyl ether	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	4-chlorophenyl phenyl ether	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Bis(2-chloroethoxy) methane	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Bis(2-chloroisopropyl) ether	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	Dibenzofuran	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
	N-nitrosopiperidine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											
Organic	C6-C9	mg/kg	20 (Primary): 10 (Interlab)				<20.0	<20.0	0				<20.0	<20.0	0				<20.0	<20.0	0											
TPH	C10-C14	mg/kg	20 (Primary): 50 (Interlab)				<20.0	<20.0	0				<20.0	<20.0	0				<20.0	<20.0	0											
	C15-C28	mg/kg	50 (Primary): 100 (Interlab)				<50.0	<50.0	0				<50.0	<50.0	0				<50.0	<50.0	0											
	C29-C36	mg/kg	50 (Primary): 100 (Interlab)				<50.0	<50.0	0				<50.0	<50.0	0				<50.0	<50.0	0											
	C10-C36	mg/kg	50				<50.0	<50.0	0				<50.0	<50.0	0				<50.0	<50.0	0											
SVOC	Dibenz(a,j)acridine	mg/kg	0.5				<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0											

*RPDs have only been considered where a concentration is greater than 1 times the EQL.
**High RPDs are in bold (Acceptable RPDs for each EQL multiplier range are: 80 (1-10 x EQL); 50 (10-30 x EQL); 30 (> 30 x EQL))
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

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	Lab Report Number			838535	ES2141124		838535	ES2141124		838536	ES2141124		838536	ES2141124		841164	841164		841164	841164		853609	853609		841164
	Field ID			AI_TP214_0.3	20211102_T01	**RPD**	AI_TP208_0.3	20211102_T02	**RPD**	AI_TP203_0.1	20211102_T03	**RPD**	AI_TP201_0.3	20211102_T04	**RPD**	AI_TP145_0.1	AI_20211108_D01	**RPD**	AI_TP112_0.1	AI_20211108_D02	**RPD**	AI_TP55-0.1	AI_20211109-D01	**RPD**	AI_TP145_0.1
	Sampled Date/Time			2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		8/11/2021	8/11/2021		8/11/2021	8/11/2021		9/11/2021	9/11/2021		8/11/2021
Method_Type	**ChemName**	**Units**	**EQL**																												
Organic	C6-C10	mg/kg	20 (Primary): 10 (Interlab)	<20.0	<10.0	0				<20.0	<10.0	0				<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<20.0	0	<20.0
	C6-C10 (F1 minus BTEX)	mg/kg	20 (Primary): 10 (Interlab)	<20.0	<10.0	0				<20.0	<10.0	0				<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<20.0	0	<20.0
	C10-C16	mg/kg	50	<50.0	<50.0	0				<50.0	<50.0	0				<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0
	C10-C16 (F2 minus Naphthalene)	mg/kg	50	<50.0	<50.0	0				<50.0	<50.0	0				<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0
	C16-C34	mg/kg	100	<100.0	<100.0	0				<100.0	<100.0	0				<100.0	140.0	33	<100.0	120.0	18	<100.0	<100.0	0	<100.0
	C34-C40	mg/kg	100	<100.0	<100.0	0				<100.0	<100.0	0				<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0
	C10-C40 (Sum of total)	mg/kg	100 (Primary): 50 (Interlab)	<100.0	<50.0	0				<100.0	<50.0	0				<100.0	140.0	33	<100.0	120.0	18	<100.0	<100.0	0	<100.0
PFAS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/kg	10 (Primary): 0.5 (Interlab)	<10.0	<0.5	0	<10.0	<0.5	0	<10.0	<0.5	0	<10.0	<0.5	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0
	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorobutanoic acid (PFBA)	µg/kg	5 (Primary): 1 (Interlab)	<5.0	<1.0	0	<5.0	<1.0	0	<5.0	<1.0	0	<5.0	<1.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorodecanoic acid (PFDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorododecanoic acid (PFDoDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluoroheptanoic acid (PFHpA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorohexanoic acid (PFHxA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorononanoic acid (PFNA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorooctanoic acid (PFOA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluoropentanoic acid (PFPeA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorotetradecanoic acid (PFTeDA)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorotridecanoic acid (PFTrDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluoroundecanoic acid (PFUnDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorobutane sulfonic acid (PFBS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorodecanesulfonic acid (PFDS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluoroheptane sulfonic acid (PFHpS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorohexane sulfonic acid (PFHxS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorononanesulfonic acid (PFNS)	µg/kg	5	<5.0			<5.0			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorooctanesulfonic acid (PFOS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluoropentane sulfonic acid (PFPeS)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluoropropanesulfonic acid (PFPrS)	µg/kg	5	<5.0			<5.0			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0
	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	N-methylperfluorooctane sulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0
	N-methylperfluorooctanesulfonamidoethanol	µg/kg	5 (Primary): 0.5 (Interlab)	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Perfluorooctane sulfonamide (PFOSA)	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Sum of PFAS	µg/kg	50 (Primary): 0.2 (Interlab)	<50.0	<0.2	0	<50.0	<0.2	0	<50.0	<0.2	0	<50.0	<0.2	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0
	Sum of PFHxS and PFOS	µg/kg	5 (Primary): 0.2 (Interlab)	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Sum of PFAS (WA DER List)	µg/kg	10 (Primary): 0.2 (Interlab)	<10.0			<10.0			<10.0			<10.0			<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/kg	5	<5.0			<5.0			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Sum of US EPA PFAS (PFOS + PFOA)*	µg/kg	5	<5.0			<5.0			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
SVOC	2,3,4,6-Tetrachlorophenol	mg/kg	0.5	<0.5						<0.5						<1.0	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<1.0
	2,4,5-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<0.5	0				<1.0	<0.5	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	2,4,6-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<0.5	0				<1.0	<0.5	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	2,4-Dichlorophenol	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	2,4-Dimethylphenol	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	2,4-Dinitrophenol	mg/kg	5	<5.0						<5.0						<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	2,6-Dichlorophenol	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	2-Chlorophenol	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	2-Methylphenol	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.5	0				<0.2	<0.5	0				<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2
	2-Nitrophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<0.5	0				<1.0	<0.5	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	3&4-Methylphenol (m&p-Cresol)	mg/kg	0.4	<0.4						<0.4						<0.4	<0.4	0	<0.4	<0.4	0	<0.4	<0.4	0	<0.4
	4,6-Dinitro-2-methylphenol	mg/kg	5	<5.0						<5.0						<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	4-chloro-3-methylphenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<0.5	0				<1.0	<0.5	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	4-Nitrophenol	mg/kg	5	<5.0						<5.0						<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0
	Pentachlorophenol	mg/kg	1	<1.0	<1.0	0				<2.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	Phenol	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	N-nitrosodi-n-butylamine	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	N-nitrosodi-n-propylamine	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1-naphthylamine	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<1.0	0	<0.5
	2-naphthylamine	mg/kg	0.5	<0.5						<0.5						<1.0	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<1.0
	Diphenylamine	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	2-nitroaniline	mg/kg	1	<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	Aniline	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
Volatile	Benzene	mg/kg	0.1 (Primary): 0.2 (Interlab)	<0.1	<0.2	0				<0.1	<0.2	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1
	Toluene	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.1	<0.5	0				<0.1	<0.5	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1
	Ethylbenzene	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.1	<0.5	0				<0.1	<0.5	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1
	Xylene (m & p)	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.5	0				<0.2	<0.5	0				<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2
	Xylene (o)	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.1	<0.5	0				<0.1	<0.5	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1
	Xylene Total	mg/kg	0.3 (Primary): 0.5 (Interlab)	<0.3	<0.5	0				<0.3	<0.5	0				<0.3	<0.3	0	<0.3	<0.3	0	<0.3	<0.3	0	<0.3
SVOC	Benzyl chloride	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Hexachlorobutadiene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Hexachlorocyclopentadiene	mg/kg	1 (Primary): 2.5 (Interlab)	<1.0	<2.5	0				<1.0	<2.5	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	Hexachloroethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
VOC	Chlorinated hydrocarbons EPAVic	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Other chlorinated hydrocarbons EPAVic	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,1,1,2-tetrachloroethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,1,1-trichloroethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,1,2,2-tetrachloroethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,1,2-trichloroethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5

	Lab Report Number	838535	ES2141124		838535	ES2141124		838536	ES2141124		838536	ES2141124		841164	841164		841164	841164		853609	853609		841164
	Field ID	AI_TP214_0.3	20211102_T01	RPD	AI_TP208_0.3	20211102_T02	RPD	AI_TP203_0.1	20211102_T03	RPD	AI_TP201_0.3	20211102_T04	RPD	AI_TP145_0.1	AI_20211108_D01	RPD	AI_TP112_0.1	AI_20211108_D02	RPD	AI_TP55-0.1	AI_20211109-D01	RPD	AI_TP145_0.1
	Sampled Date/Time	2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		2/11/2021	2/11/2021		8/11/2021	8/11/2021		8/11/2021	8/11/2021		9/11/2021	9/11/2021		8/11/2021
Method_Type	ChemName	Units	EQL																				
	1,1-dichloroethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,1-dichloroethene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2,3-trichloropropane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2-dichloroethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2-dichloropropane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,3-dichloropropane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Bromochloromethane	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Bromodichloromethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Bromoform	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Carbon tetrachloride	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Chlorodibromomethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Chloroethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0				<0.5	<5.0	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Chloroform	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Chloromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0				<0.5	<5.0	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	cis-1,2-dichloroethene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	cis-1,3-dichloropropene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Dibromomethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Dichloromethane	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Trichloroethene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Tetrachloroethene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	trans-1,2-dichloroethene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	trans-1,3-dichloropropene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Vinyl chloride	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0				<0.5	<5.0	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
SVOC	2,4-Dinitrotoluene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<1.0	0				<0.5	<1.0	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	2,6-dinitrotoluene	mg/kg	1	<1.0	<1.0	0				<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0
	Nitrobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
OCP	Hexachlorobenzene	mg/kg	0.05 (Primary): 1 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0	<0.05	<0.05	0				<0.05
SVOC	1,2,3,4-tetrachlorobenzene	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2,3,5-Tetrachlorobenzene	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2,3-trichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2,4,5-tetrachlorobenzene	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2,4-trichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,3,5-Trichlorobenzene	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Hexachlorobenzene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<0.05	0				<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Pentachlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
VOC	1,2-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	4-chlorotoluene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Bromobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Chlorobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2-dibromoethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Bromomethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0				<0.5	<5.0	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Dichlorodifluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0				<0.5	<5.0	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Iodomethane	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Trichlorofluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0				<0.5	<5.0	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
SVOC	Pronamide	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Trifluralin	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
Inorganic	Moisture Content (dried @ 103°C)	%	1	18.0			18.0			15.0			17.0			22.0	22.0	0	21.0	20.0	5	21.0	18.0	15	22.0
VOC	Total MAH	mg/kg	0.5	<0.5						<0.5						<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,2,4-trimethylbenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	1,3,5-trimethylbenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Isopropylbenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Styrene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
Heavy Metal	Arsenic	mg/kg	2 (Primary): 5 (Interlab)	4.4	6.0	31				4.8	10.0	70				18.0	22.0	20	13.0	7.4	55	5.9	5.8	2	18.0
	Cadmium	mg/kg	0.4 (Primary): 1 (Interlab)	<0.4	<1.0	0				<0.4	<1.0	0				<0.4	<0.4	0	<0.4	<0.4	0	<0.4	<0.4	0	<0.4
	Chromium (III+VI)	mg/kg	5 (Primary): 2 (Interlab)	21.0	19.0	10				**13.0**	**28.0**	**73**				22.0	22.0	0	27.0	16.0	51	18.0	17.0	6	22.0
	Copper	mg/kg	5	22.0	20.0	10				5.4	9.0	50				25.0	23.0	8	20.0	17.0	16	21.0	20.0	5	25.0
	Lead	mg/kg	5	16.0	15.0	6				13.0	24.0	59				17.0	23.0	30	27.0	21.0	25	17.0	17.0	0	17.0
	Mercury	mg/kg	0.1	<0.1	<0.1	0				<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1
	Nickel	mg/kg	5 (Primary): 2 (Interlab)	13.0	7.0	60				<5.0	7.0	33				22.0	16.0	32	11.0	6.9	46	13.0	13.0	0	22.0
	Zinc	mg/kg	5	21.0	19.0	10				8.8	10.0	13				36.0	42.0	15	47.0	36.0	27	34.0	36.0	6	36.0
SVOC	2-Picoline	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	4-aminobiphenyl	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
	Pentachloronitrobenzene	mg/kg	0.5	<0.5	<0.5	0				<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5
OCP	Organochlorine pesticides EPAVic	mg/kg	0.1	<0.1						<0.1						<0.1	<0.1	0	<0.1	<0.1	0				<0.1
	Other organochlorine pesticides EPAVic	mg/kg	0.1	<0.1						<0.1						<0.1	<0.1	0	<0.1	<0.1	0				<0.1
	4,4-DDE	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0	<0.05	<0.05	0				<0.05
	a-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0	<0.05	<0.05	0				<0.05
	Aldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0	<0.05	<0.05	0				<0.05
	Aldrin + Dieldrin	mg/kg	0.05	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0	<0.05	<0.05	0				<0.05
	b-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0	<0.05	<0.05	0				<0.05
	chlordane	mg/kg	0.1 (Primary): 0.05 (Interlab)	<0.1	<0.05	0				<0.1	<0.05	0				<0.1	<0.1	0	<0.1	<0.1	0				<0.1

			Lab Report Number	838535	ES2141124			838535	ES2141124			838536	ES2141124			838536	ES2141124			841164	841164			841164	841164			853609	853609			841164		
			Field ID	AI_TP214_0.3	20211102_T01	**RPD**		AI_TP208_0.3	20211102_T02	**RPD**		AI_TP203_0.1	20211102_T03	**RPD**		AI_TP201_0.3	20211102_T04	**RPD**		AI_TP145_0.1	AI_20211108_D01	**RPD**		AI_TP112_0.1	AI_20211108_D02	**RPD**		AI_TP55-0.1	AI_20211109-D01	**RPD**		AI_TP145_0.1		
			Sampled Date/Time	2/11/2021	2/11/2021			2/11/2021	2/11/2021			2/11/2021	2/11/2021			2/11/2021	2/11/2021			8/11/2021	8/11/2021			8/11/2021	8/11/2021			9/11/2021	9/11/2021			8/11/2021		
Method_Type	**ChemName**	**Units**	**EQL**																														
	d-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	DDD	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	DDT	mg/kg	0.05 (Primary): 1 (Interlab)	<0.05	<0.2	0						<0.05	<0.2	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	DDT+DDE+DDD	mg/kg	0.05	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Dieldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Endosulfan I	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Endosulfan II	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Endosulfan sulphate	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Endrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Endrin aldehyde	mg/kg	0.05	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	0.06	18		<0.05	<0.05	0						<0.05		
	Endrin ketone	mg/kg	0.05	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	g-BHC (Lindane)	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Heptachlor	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Heptachlor epoxide	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0						<0.05	<0.05	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Methoxychlor	mg/kg	0.05 (Primary): 0.2 (Interlab)	<0.05	<0.2	0						<0.05	<0.2	0						<0.05	<0.05	0		<0.05	<0.05	0						<0.05		
	Toxaphene	mg/kg	0.5	<0.5								<0.5								<0.5	<0.5	0		<0.5	<0.5	0						<0.5		
SVOC	4,4-DDE	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	a-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Aldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	b-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	d-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	DDD	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	DDT	mg/kg	1 (Primary): 0.2 (Interlab)	<1.0	<0.2	0						<1.0	<0.2	0						<1.0	<1.0	0		<1.0	<1.0	0		<1.0	<1.0	0		<1.0		
	Dieldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Endosulfan I	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Endosulfan II	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Endosulfan sulphate	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Endrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Endrin aldehyde	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Endrin ketone	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	g-BHC (Lindane)	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Heptachlor	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Heptachlor epoxide	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.05	0						<0.5	<0.05	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Methoxychlor	mg/kg	0.5 (Primary): 0.2 (Interlab)	<0.5	<0.2	0						<0.5	<0.2	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
OPP	Tokuthion	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Azinophos methyl	mg/kg	0.2 (Primary): 0.05 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Bolstar (Sulprofos)	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Chlorfenvinphos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Chlorpyrifos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Chlorpyrifos-methyl	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Coumaphos	mg/kg	2	<2.0								<2.0								<2.0	<2.0	0		<2.0	<2.0	0						<2.0		
	Demeton-O	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Demeton-S	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Diazinon	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Dichlorvos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Dimethoate	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Disulfoton	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Ethion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Ethoprop	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Fenitrothion	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Fensulfothion	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Fenthion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	EPN	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Malathion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.05	0						<0.2	<0.05	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Merphos	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Methyl parathion	mg/kg	0.2	<0.2	<0.2	0						<0.2	<0.2	0						<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Mevinphos (Phosdrin)	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Monocrotophos	mg/kg	2 (Primary): 0.2 (Interlab)	<2.0	<0.2	0						<2.0	<0.2	0						<2.0	<2.0	0		<2.0	<2.0	0						<2.0		
	Naled (Dibrom)	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Omethoate	mg/kg	2	<2.0								<2.0								<2.0	<2.0	0		<2.0	<2.0	0						<2.0		
	Phorate	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Pyrazophos	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Ronnel	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Terbufos	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Trichloronate	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
	Tetrachlorvinphos	mg/kg	0.2	<0.2								<0.2								<0.2	<0.2	0		<0.2	<0.2	0						<0.2		
SVOC	Acetophenone	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
Organic	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
PAH	Acenaphthene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Acenaphthylene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Anthracene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Benz(a)anthracene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Benzo(a) pyrene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Benzo(g,h,i)perylene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Benzo(k)fluoranthene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Chrysene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Dibenz(a,h)anthracene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Fluoranthene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Fluorene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5	<0.5	<0.5	0						<0.5	<0.5	0						<0.5	<0.5	0		<0.5	<0.5	0		<0.5	<0.5	0		<0.5		

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	Lab Report Number	ES2141598		841164	ES2141598		853609	ES2201408		842812	842812		842812	842812		842812	842812		842812	842812		842812	ES2142411
	Field ID	20211108_T01	RPD	AI_TP112_0.1	20211108_T02	RPD	AI_TP55-0.1	20211109_T01	RPD	AI_TP82_0.3	AI_20211116-D01	RPD	AI_TP115_0.1	AI_20211115_D01	RPD	AI_TP116_0.1	AI_20211115_D02	RPD	AI_TP110_0.1	AI_20211115_D03	RPD	AI_TP115_0.1	20211115_T01
	Sampled Date/Time	8/11/2021		8/11/2021	8/11/2021		9/11/2021	9/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021
Method_Type	**ChemName**	**Units**	**EQL**																				
Organic	C6-C10	mg/kg	20 (Primary): 10 (Interlab)	<10.0	0	<20.0	<10.0	0	<20.0	<10.0	0	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<10.0
	C6-C10 (F1 minus BTEX)	mg/kg	20 (Primary): 10 (Interlab)	<10.0	0	<20.0	<10.0	0	<20.0	<10.0	0	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<10.0
	C10-C16	mg/kg	50	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0
	C10-C16 (F2 minus Naphthalene)	mg/kg	50	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0
	C16-C34	mg/kg	100	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0
	C34-C40	mg/kg	100	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0				<100.0	<100.0
	C10-C40 (Sum of total)	mg/kg	100 (Primary): 50 (Interlab)	<50.0	0	<100.0	<50.0	0	<100.0	<50.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0				<100.0	<50.0
PFAS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/kg	10 (Primary): 0.5 (Interlab)	<0.5	0	<10.0	<0.5	0	<10.0	<0.5	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.5
	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	Perfluorobutanoic acid (PFBA)	µg/kg	5 (Primary): 1 (Interlab)	<1.0	0	<5.0	<1.0	0	<5.0	<1.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<1.0
	Perfluorodecanoic acid (PFDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorododecanoic acid (PFDoDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluoroheptanoic acid (PFHpA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorohexanoic acid (PFHxA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorononanoic acid (PFNA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorooctanoic acid (PFOA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluoropentanoic acid (PFPeA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorotetradecanoic acid (PFTeDA)	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	Perfluorotridecanoic acid (PFTrDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluoroundecanoic acid (PFUnDA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorobutane sulfonic acid (PFBS)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorodecanesulfonic acid (PFDS)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluoroheptane sulfonic acid (PFHpS)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorohexane sulfonic acid (PFHxS)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluorononanesulfonic acid (PFNS)	µg/kg	5			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	
	Perfluorooctanesulfonic acid (PFOS)	µg/kg	5 (Primary): 0.2 (Interlab)	0.6	0	<5.0	0.4	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluoropentane sulfonic acid (PFPeS)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Perfluoropropanesulfonic acid (PFPrS)	µg/kg	5			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	
	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	<0.2	0	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2
	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	N-methylperfluorooctane sulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	<0.2	0	<10.0	<0.2	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2
	N-methylperfluorooctanesulfonamidoethanol	µg/kg	5 (Primary): 0.5 (Interlab)	<0.5	0	<5.0	<0.5	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5
	Perfluorooctane sulfonamide (PFOSA)	µg/kg	5 (Primary): 0.2 (Interlab)	<0.2	0	<5.0	<0.2	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Sum of PFAS	µg/kg	50 (Primary): 0.2 (Interlab)	0.6	0	<50.0	0.4	0	<50.0	<0.2	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<0.2
	Sum of PFHxS and PFOS	µg/kg	5 (Primary): 0.2 (Interlab)	0.6	0	<5.0	0.4	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2
	Sum of PFAS (WA DER List)	µg/kg	10 (Primary): 0.2 (Interlab)	0.6	0	<10.0	0.4	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/kg	5			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	
	Sum of US EPA PFAS (PFOS + PFOA)*	µg/kg	5			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	
SVOC	2,3,4,6-Tetrachlorophenol	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	
	2,4,5-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<0.5	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<0.5
	2,4,6-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<0.5	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<0.5
	2,4-Dichlorophenol	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	2,4-Dimethylphenol	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	2,4-Dinitrophenol	mg/kg	5			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0				<5.0	
	2,6-Dichlorophenol	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	2-Chlorophenol	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	2-Methylphenol	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.5	0	<0.2	<0.5	0	<0.2	<0.5	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.5
	2-Nitrophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<0.5	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<0.5
	3&4-Methylphenol (m&p-Cresol)	mg/kg	0.4			<0.4			<0.4			<0.4	<0.4	0	<0.4	<0.4	0	<0.4	<0.4	0				<0.4	
	4,6-Dinitro-2-methylphenol	mg/kg	5			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0				<5.0	
	4-chloro-3-methylphenol	mg/kg	1 (Primary): 0.5 (Interlab)	<0.5	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<0.5
	4-Nitrophenol	mg/kg	5			<5.0			<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0				<5.0	
	Pentachlorophenol	mg/kg	1	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0
	Phenol	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	N-nitrosodi-n-butylamine	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	N-nitrosodi-n-propylamine	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	1-naphthylamine	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<1.0	0	<0.5	<1.0	0				<0.5	<0.5
	2-naphthylamine	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	
	Diphenylamine	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	
	2-nitroaniline	mg/kg	1	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0
	Aniline	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
Volatile	Benzene	mg/kg	0.1 (Primary): 0.2 (Interlab)	<0.2	0	<0.1	<0.2	0	<0.1	<0.2	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.2
	Toluene	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.5	0	<0.1	<0.5	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.5
	Ethylbenzene	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.5	0	<0.1	<0.5	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.5
	Xylene (m & p)	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.5	0	<0.2	<0.5	0	<0.2	<0.5	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.5
	Xylene (o)	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.5	0	<0.1	<0.5	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.5
	Xylene Total	mg/kg	0.3 (Primary): 0.5 (Interlab)	<0.5	0	<0.3	<0.5	0	<0.3	<0.5	0	<0.3	<0.3	0	<0.3	<0.3	0	<0.3	<0.3	0				<0.3	<0.5
SVOC	Benzyl chloride	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	
	Hexachlorobutadiene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Hexachlorocyclopentadiene	mg/kg	1 (Primary): 2.5 (Interlab)	<2.5	0	<1.0	<2.5	0	<1.0	<2.5	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<2.5
	Hexachloroethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
VOC	Chlorinated hydrocarbons EPAVic	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	
	Other chlorinated hydrocarbons EPAVic	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	
	1,1,1,2-tetrachloroethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	1,1,1-trichloroethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	1,1,2,2-tetrachloroethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	1,1,2-trichloroethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5

			Lab Report Number	ES2141598		841164	ES2141598		853609	ES2201408		842812	842812		842812	842812		842812	842812		842812	842812		842812	ES2142411	
			Field ID	20211108_T01	**RPD**	AI_TP112_0.1	20211108_T02	**RPD**	AI_TP55-0.1	20211109_T01	**RPD**	AI_TP82_0.3	AI_20211116-D01	**RPD**	AI_TP115_0.1	AI_20211115_D01	**RPD**	AI_TP116_0.1	AI_20211115_D02	**RPD**	AI_TP110_0.1	AI_20211115_D03	**RPD**	AI_TP115_0.1	20211115_T01	
			Sampled Date/Time	8/11/2021		8/11/2021	8/11/2021		9/11/2021	9/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021	
Method_Type	**ChemName**	**Units**	**EQL**																												
	1,1-dichloroethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,1-dichloroethene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,2,3-trichloropropane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,2-dichloroethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,2-dichloropropane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,3-dichloropropane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Bromochloromethane	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	Bromodichloromethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Bromoform	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Carbon tetrachloride	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Chlorodibromomethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Chloroethane	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
	Chloroform	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Chloromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
	cis-1,2-dichloroethene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	cis-1,3-dichloropropene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Dibromomethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Dichloromethane	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	Trichloroethene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Tetrachloroethene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	trans-1,2-dichloroethene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	trans-1,3-dichloropropene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Vinyl chloride	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
SVOC	2,4-Dinitrotoluene	mg/kg	0.5 (Primary): 1 (Interlab)	<1.0	0	<0.5	<1.0	0	<0.5	<1.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<1.0	
	2,6-dinitrotoluene	mg/kg	1	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	
	Nitrobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
OCP	Hexachlorobenzene	mg/kg	0.05 (Primary): 1 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0						
SVOC	1,2,3,4-tetrachlorobenzene	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	1,2,3,5-Tetrachlorobenzene	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	1,2,3-trichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,2,4,5-tetrachlorobenzene	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	1,2,4-trichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,2-dichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,3,5-Trichlorobenzene	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Hexachlorobenzene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05	
	Pentachlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
VOC	1,2-dichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	4-chlorotoluene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Bromobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Chlorobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,2-dibromoethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Bromomethane	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
	Dichlorodifluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
	Iodomethane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Trichlorofluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
SVOC	Pronamide	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Trifluralin	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
Inorganic	Moisture Content (dried @ 103°C)	%	1			21.0			21.0			16.0	15.0	6	19.0	21.0	10	19.0	20.0	5	24.0	22.0	9	19.0		
VOC	Total MAH	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	1,2,4-trimethylbenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	1,3,5-trimethylbenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Isopropylbenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Styrene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
Heavy Metal	Arsenic	mg/kg	2 (Primary): 5 (Interlab)	15.0	18	13.0	9.0	36	5.9	6.0	2	9.3	7.2	25	7.1	7.5	5	11.0	13.0	17				7.1	8.0	
	Cadmium	mg/kg	0.4 (Primary): 1 (Interlab)	<1.0	0	<0.4	<1.0	0	<0.4	<1.0	0	<0.4	<0.4	0	<0.4	<0.4	0	<0.4	<0.4	0				<0.4	<1.0	
	Chromium (III+VI)	mg/kg	5 (Primary): 2 (Interlab)	21.0	5	27.0	20.0	30	18.0	18.0	0	21.0	17.0	21	18.0	17.0	6	22.0	21.0	5				18.0	20.0	
	Copper	mg/kg	5	22.0	13	20.0	17.0	16	21.0	21.0	0	24.0	23.0	4	14.0	14.0	0	19.0	18.0	5				14.0	22.0	
	Lead	mg/kg	5	21.0	21	27.0	23.0	16	17.0	20.0	16	17.0	13.0	27	18.0	19.0	5	24.0	27.0	12				18.0	18.0	
	Mercury	mg/kg	0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	
	Nickel	mg/kg	5 (Primary): 2 (Interlab)	15.0	38	11.0	7.0	44	13.0	13.0	0	11.0	8.6	24	13.0	13.0	0	13.0	12.0	8				13.0	14.0	
	Zinc	mg/kg	5	32.0	12	47.0	26.0	58	34.0	39.0	14	31.0	27.0	14	18.0	27.0	40	29.0	32.0	10				18.0	78.0	
SVOC	2-Picoline	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	4-aminobiphenyl	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Pentachloronitrobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
OCP	Organochlorine pesticides EPAVic	mg/kg	0.1			<0.1						<0.1	<0.1	0				<0.1	<0.1	0						
	Other organochlorine pesticides EPAVic	mg/kg	0.1			<0.1						<0.1	<0.1	0				<0.1	<0.1	0						
	4,4-DDE	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0						
	a-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0						
	Aldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0						
	Aldrin + Dieldrin	mg/kg	0.05	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0						
	b-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0						
	chlordane	mg/kg	0.1 (Primary): 0.05 (Interlab)	<0.05	0	<0.1	<0.05	0				<0.1	<0.1	0				<0.1	<0.1	0						

			Lab Report Number	ES2141598		841164	ES2141598		853609	ES2201408		842812	842812		842812	842812		842812	842812		842812	842812		842812	ES2142411
			Field ID	20211108_T01	RPD	AI_TP112_0.1	20211108_T02	RPD	AI_TP55-0.1	20211109_T01	RPD	AI_TP82_0.3	AI_20211116-D01	RPD	AI_TP115_0.1	AI_20211115_D01	RPD	AI_TP116_0.1	AI_20211115_D02	RPD	AI_TP110_0.1	AI_20211115_D03	RPD	AI_TP115_0.1	20211115_T01
			Sampled Date/Time	8/11/2021		8/11/2021	8/11/2021		9/11/2021	9/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021
Method_Type	**ChemName**	**Units**	**EQL**																						
	d-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	DDD	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	DDT	mg/kg	0.05 (Primary): 1 (Interlab)	<0.2	0	<0.05	<0.2	0				<0.05	<0.05	0				<0.05	<0.05	0					
	DDT+DDE+DDD	mg/kg	0.05	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Dieldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Endosulfan I	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Endosulfan II	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Endosulfan sulphate	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Endrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Endrin aldehyde	mg/kg	0.05	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Endrin ketone	mg/kg	0.05	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	g-BHC (Lindane)	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Heptachlor	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Heptachlor epoxide	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Methoxychlor	mg/kg	0.05 (Primary): 0.2 (Interlab)	<0.2	0	<0.05	<0.2	0				<0.05	<0.05	0				<0.05	<0.05	0					
	Toxaphene	mg/kg	0.5			<0.5						<0.5	<0.5	0				<0.5	<0.5	0					
SVOC	4,4-DDE	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	a-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Aldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	b-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	d-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	DDD	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	DDT	mg/kg	1 (Primary): 0.2 (Interlab)	<0.2	0	<1.0	<0.2	0	<1.0	<0.2	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<0.2
	Dieldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Endosulfan I	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Endosulfan II	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Endosulfan sulphate	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Endrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Endrin aldehyde	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Endrin ketone	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	g-BHC (Lindane)	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Heptachlor	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Heptachlor epoxide	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.05
	Methoxychlor	mg/kg	0.5 (Primary): 0.2 (Interlab)	<0.2	0	<0.5	<0.2	0	<0.5	<0.2	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.2
OPP	Tokuthion	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Azinophos methyl	mg/kg	0.2 (Primary): 0.05 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Bolstar (Sulprofos)	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Chlorfenvinphos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Chlorpyrifos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Chlorpyrifos-methyl	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Coumaphos	mg/kg	2			<2.0						<2.0	<2.0	0				<2.0	<2.0	0					
	Demeton-O	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Demeton-S	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Diazinon	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Dichlorvos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Dimethoate	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Disulfoton	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Ethion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Ethoprop	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Fenitrothion	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Fensulfothion	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Fenthion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	EPN	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Malathion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.05	0	<0.2	<0.05	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Merphos	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Methyl parathion	mg/kg	0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0					
	Mevinphos (Phosdrin)	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Monocrotophos	mg/kg	2 (Primary): 0.2 (Interlab)	<0.2	0	<2.0	<0.2	0				<2.0	<2.0	0				<2.0	<2.0	0					
	Naled (Dibrom)	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Omethoate	mg/kg	2			<2.0						<2.0	<2.0	0				<2.0	<2.0	0					
	Phorate	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Pyrazophos	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Ronnel	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Terbufos	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Trichloronate	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
	Tetrachlorvinphos	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0					
SVOC	Acetophenone	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
Organic	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
PAH	Acenaphthene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Acenaphthylene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Anthracene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Benz(a)anthracene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Benzo(a) pyrene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Benzo(g,h,i)perylene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Benzo(k)fluoranthene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Chrysene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Dibenz(a,h)anthracene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Fluoranthene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Fluorene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5

			Lab Report Number	ES2141598		841164	ES2141598		853609	ES2201408		842812	842812		842812	842812		842812	842812		842812	842812		842812	ES2142411	
			Field ID	20211108_T01	**RPD**	AI_TP112_0.1	20211108_T02	**RPD**	AI_TP55-0.1	20211109_T01	**RPD**	AI_TP82_0.3	AI_20211116-D01	**RPD**	AI_TP115_0.1	AI_20211115_D01	**RPD**	AI_TP116_0.1	AI_20211115_D02	**RPD**	AI_TP110_0.1	AI_20211115_D03	**RPD**	AI_TP115_0.1	20211115_T01	
			Sampled Date/Time	8/11/2021		8/11/2021	8/11/2021		9/11/2021	9/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021	
Method_Type	**ChemName**	**Units**	**EQL**																												
	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Phenanthrene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Pyrene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Benzo(a)pyrene TEQ calc (Half)	mg/kg	0.5	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0				0.6	0.6	
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0				1.2	1.2	
	Benzo(a)pyrene TEQ calc (Zero)	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	PAHs (Sum of total)	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
SVOC	1-Chloronaphthalene	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	2-chloronaphthalene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	2-methylnaphthalene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	3-methylcholanthrene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	7,12-dimethylbenz(a)anthracene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
OPP	Parathion	mg/kg	0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0				<0.2	<0.2	0						
	Pirimiphos-methyl	mg/kg	0.2			<0.2						<0.2	<0.2	0				<0.2	<0.2	0						
SVOC	Bis(2-ethylhexyl) phthalate	mg/kg	5	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0				<5.0	<5.0	
	Butyl benzyl phthalate	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Diethylphthalate	mg/kg	0.5	<0.5	0	**2.4**	**<0.5**	**131**	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Dimethyl phthalate	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Di-n-butyl phthalate	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Di-n-octyl phthalate	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
VOC	Methyl Ethyl Ketone	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
	4-Methyl-2-pentanone	mg/kg	0.5 (Primary): 5 (Interlab)	<5.0	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<5.0	
	Acetone	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	Allyl chloride	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	Carbon disulfide	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
SVOC	3,3-Dichlorobenzidine	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	4-(dimethylamino) azobenzene	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	4-bromophenyl phenyl ether	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	4-chlorophenyl phenyl ether	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Bis(2-chloroethoxy) methane	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	Bis(2-chloroisopropyl) ether	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		
	Dibenzofuran	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
	N-nitrosopiperidine	mg/kg	0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	
Organic	C6-C9	mg/kg	20 (Primary): 10 (Interlab)	<10.0	0	<20.0	<10.0	0	<20.0	<10.0	0	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<10.0	
TPH	C10-C14	mg/kg	20 (Primary): 50 (Interlab)	<50.0	0	<20.0	<50.0	0	<20.0	<50.0	0	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<50.0	
	C15-C28	mg/kg	50 (Primary): 100 (Interlab)	<100.0	0	<50.0	<100.0	0	<50.0	<100.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<100.0	
	C29-C36	mg/kg	50 (Primary): 100 (Interlab)	<100.0	0	52.0	<100.0	0	<50.0	<100.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<100.0	
	C10-C36	mg/kg	50	<50.0	15	52.0	<50.0	4	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0	
SVOC	Dibenz(a,j)acridine	mg/kg	0.5			<0.5			<0.5			<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5		

*RPDs have only been considered where a concentration is greater than 1 times the EQL.
**High RPDs are in bold (Acceptable RPDs for each EQL multiplier range are: 80 (1-10 x EQL); 50 (10-30 x EQL
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methc

DRAFT

Lab Report Number		842812	ES2142413		842812	842812		842812	842812	
Field ID	RPD	AI_TP82_0.3	20211116_T01	RPD	AI_TP116_0.1	AI_20211115_T02	RPD	AI_TP110_0.1	AI_20211115_T03	RPD
Sampled Date/Time		15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021	

Method_Type	ChemName	Units	EQL										
Organic	C6-C10	mg/kg	20 (Primary): 10 (Interlab)	0	<20.0	<10.0	0	<20.0	<20.0	0			
	C6-C10 (F1 minus BTEX)	mg/kg	20 (Primary): 10 (Interlab)	0	<20.0	<10.0	0	<20.0	<20.0	0			
	C10-C16	mg/kg	50	0	<50.0	<50.0	0	<50.0	<50.0	0			
	C10-C16 (F2 minus Naphthalene)	mg/kg	50	0	<50.0	<50.0	0	<50.0	<50.0	0			
	C16-C34	mg/kg	100	0	<100.0	<100.0	0	<100.0	<100.0	0			
	C34-C40	mg/kg	100	0	<100.0	<100.0	0	<100.0	<100.0	0			
	C10-C40 (Sum of total)	mg/kg	100 (Primary): 50 (Interlab)	0	<100.0	<50.0	0	<100.0	<100.0	0			
PFAS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/kg	10 (Primary): 0.5 (Interlab)	0	<10.0	<0.5	0	<10.0	<10.0	0	<10.0	<10.0	0
	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorobutanoic acid (PFBA)	µg/kg	5 (Primary): 1 (Interlab)	0	<5.0	<1.0	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorodecanoic acid (PFDA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorododecanoic acid (PFDoDA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluoroheptanoic acid (PFHpA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorohexanoic acid (PFHxA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorononanoic acid (PFNA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorooctanoic acid (PFOA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluoropentanoic acid (PFPeA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorotetradecanoic acid (PFTeDA)	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorotridecanoic acid (PFTrDA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluoroundecanoic acid (PFUnDA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorobutane sulfonic acid (PFBS)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorodecanesulfonic acid (PFDS)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluoroheptane sulfonic acid (PFHpS)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorohexane sulfonic acid (PFHxS)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorononanesulfonic acid (PFNS)	µg/kg	5		<5.0			<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorooctanesulfonic acid (PFOS)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluoropentane sulfonic acid (PFPeS)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluoropropanesulfonic acid (PFPrS)	µg/kg	5		<5.0			<5.0	<5.0	0	<5.0	<5.0	0
	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0
	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	N-methylperfluorooctane sulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0
	N-methylperfluorooctanesulfonamidoethanol	µg/kg	5 (Primary): 0.5 (Interlab)	0	<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorooctane sulfonamide (PFOSA)	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Sum of PFAS	µg/kg	50 (Primary): 0.2 (Interlab)	0	<50.0	<0.2	0	<50.0	<50.0	0	<50.0	<50.0	0
	Sum of PFHxS and PFOS	µg/kg	5 (Primary): 0.2 (Interlab)	0	<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0
	Sum of PFAS (WA DER List)	µg/kg	10 (Primary): 0.2 (Interlab)	0	<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/kg	5		<5.0			<5.0	<5.0	0	<5.0	<5.0	0
	Sum of US EPA PFAS (PFOS + PFOA)*	µg/kg	5		<5.0			<5.0	<5.0	0	<5.0	<5.0	0
SVOC	2,3,4,6-Tetrachlorophenol	mg/kg	0.5		<0.5			<0.5	<0.5	0			
	2,4,5-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	0	<1.0	<0.5	0	<1.0	<1.0	0			
	2,4,6-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	0	<1.0	<0.5	0	<1.0	<1.0	0			
	2,4-Dichlorophenol	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	2,4-Dimethylphenol	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	2,4-Dinitrophenol	mg/kg	5		<5.0			<5.0	<5.0	0			
	2,6-Dichlorophenol	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	2-Chlorophenol	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	2-Methylphenol	mg/kg	0.2 (Primary): 0.5 (Interlab)	0	<0.2	<0.5	0	<0.2	<0.2	0			
	2-Nitrophenol	mg/kg	1 (Primary): 0.5 (Interlab)	0	<1.0	<0.5	0	<1.0	<1.0	0			
	3&4-Methylphenol (m&p-Cresol)	mg/kg	0.4		<0.4			<0.4	<0.4	0			
	4,6-Dinitro-2-methylphenol	mg/kg	5		<5.0			<5.0	<5.0	0			
	4-chloro-3-methylphenol	mg/kg	1 (Primary): 0.5 (Interlab)	0	<1.0	<0.5	0	<1.0	<1.0	0			
	4-Nitrophenol	mg/kg	5		<5.0			<5.0	<5.0	0			
	Pentachlorophenol	mg/kg	1	0	<1.0	<1.0	0	<1.0	<1.0	0			
	Phenol	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	N-nitrosodi-n-butylamine	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	N-nitrosodi-n-propylamine	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	1-naphthylamine	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<1.0	0			
	2-naphthylamine	mg/kg	0.5		<0.5			<0.5	<0.5	0			
	Diphenylamine	mg/kg	0.5		<0.5			<0.5	<0.5	0			
	2-nitroaniline	mg/kg	1	0	<1.0	<1.0	0	<1.0	<1.0	0			
	Aniline	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
Volatile	Benzene	mg/kg	0.1 (Primary): 0.2 (Interlab)	0	<0.1	<0.2	0	<0.1	<0.1	0			
	Toluene	mg/kg	0.1 (Primary): 0.5 (Interlab)	0	<0.1	<0.5	0	<0.1	<0.1	0			
	Ethylbenzene	mg/kg	0.1 (Primary): 0.5 (Interlab)	0	<0.1	<0.5	0	<0.1	<0.1	0			
	Xylene (m & p)	mg/kg	0.2 (Primary): 0.5 (Interlab)	0	<0.2	<0.5	0	<0.2	<0.2	0			
	Xylene (o)	mg/kg	0.1 (Primary): 0.5 (Interlab)	0	<0.1	<0.5	0	<0.1	<0.1	0			
	Xylene Total	mg/kg	0.3 (Primary): 0.5 (Interlab)	0	<0.3	<0.5	0	<0.3	<0.3	0			
SVOC	Benzyl chloride	mg/kg	0.5		<0.5			<0.5	<0.5	0			
	Hexachlorobutadiene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Hexachlorocyclopentadiene	mg/kg	1 (Primary): 2.5 (Interlab)	0	<1.0	<2.5	0	<1.0	<1.0	0			
	Hexachloroethane	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
VOC	Chlorinated hydrocarbons EPAVic	mg/kg	0.5		<0.5			<0.5	<0.5	0			
	Other chlorinated hydrocarbons EPAVic	mg/kg	0.5		<0.5			<0.5	<0.5	0			
	1,1,1,2-tetrachloroethane	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	1,1,1-trichloroethane	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	1,1,2,2-tetrachloroethane	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	1,1,2-trichloroethane	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			

Lab Report Number			842812	ES2142413		842812	842812		842812	842812	
Field ID		RPD	AI_TP82_0.3	20211116_T01	RPD	AI_TP116_0.1	AI_20211115_T02	RPD	AI_TP110_0.1	AI_20211115_T03	RPD
Sampled Date/Time			15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021	
Method_Type	ChemName	Units	EQL								
	1,1-dichloroethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,1-dichloroethene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,2,3-trichloropropane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,2-dichloroethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,2-dichloropropane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,3-dichloropropane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Bromochloromethane	mg/kg	0.5	<0.5			<0.5	<0.5	0			
	Bromodichloromethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Bromoform	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Carbon tetrachloride	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Chlorodibromomethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Chloroethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0	<0.5	<0.5	0			
	Chloroform	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Chloromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0	<0.5	<0.5	0			
	cis-1,2-dichloroethene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	cis-1,3-dichloropropene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Dibromomethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Dichloromethane	mg/kg	0.5	<0.5			<0.5	<0.5	0			
	Trichloroethene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Tetrachloroethene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	trans-1,2-dichloroethene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	trans-1,3-dichloropropene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Vinyl chloride	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0	<0.5	<0.5	0			
SVOC	2,4-Dinitrotoluene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<1.0	0	<0.5	<0.5	0			
	2,6-dinitrotoluene	mg/kg	1	<1.0	<1.0	0	<1.0	<1.0	0			
	Nitrobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
OCP	Hexachlorobenzene	mg/kg	0.05 (Primary): 1 (Interlab)	<0.05	<0.05	0	<0.05	<0.05	0			
SVOC	1,2,3,4-tetrachlorobenzene	mg/kg	0.5	<0.5			<0.5	<0.5	0			
	1,2,3,5-Tetrachlorobenzene	mg/kg	0.5	<0.5			<0.5	<0.5	0			
	1,2,3-trichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,2,4,5-tetrachlorobenzene	mg/kg	0.5	<0.5			<0.5	<0.5	0			
	1,2,4-trichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,2-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,3,5-Trichlorobenzene	mg/kg	0.5	<0.5			<0.5	<0.5	0			
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Hexachlorobenzene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<0.05	0	<0.5	<0.05	0			
	Pentachlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
VOC	1,2-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	4-chlorotoluene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Bromobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Chlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,2-dibromoethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Bromomethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0	<0.5	<0.5	0			
	Dichlorodifluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0	<0.5	<0.5	0			
	Iodomethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Trichlorofluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<5.0	0	<0.5	<0.5	0			
SVOC	Pronamide	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Trifluralin	mg/kg	0.5	<0.5			<0.5	<0.5	0			
Inorganic	Moisture Content (dried @ 103°C)	%	1	16.0			19.0	19.0	0	24.0	24.0	0
VOC	Total MAH	mg/kg	0.5	<0.5			<0.5	<0.5	0			
	1,2,4-trimethylbenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	1,3,5-trimethylbenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Isopropylbenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Styrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
Heavy Metal	Arsenic	mg/kg	2 (Primary): 5 (Interlab)	9.3	6.0	43	11.0	11.0	0			
	Cadmium	mg/kg	0.4 (Primary): 1 (Interlab)	<0.4	<1.0	0	<0.4	<0.4	0			
	Chromium (III+VI)	mg/kg	5 (Primary): 2 (Interlab)	21.0	17.0	21	22.0	21.0	5			
	Copper	mg/kg	5	24.0	22.0	9	19.0	16.0	17			
	Lead	mg/kg	5	17.0	14.0	19	24.0	22.0	9			
	Mercury	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.1	0			
	Nickel	mg/kg	5 (Primary): 2 (Interlab)	11.0	8.0	32	13.0	12.0	8			
	Zinc	mg/kg	5	31.0	22.0	34	29.0	32.0	10			
SVOC	2-Picoline	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	4-aminobiphenyl	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
	Pentachloronitrobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0			
OCP	Organochlorine pesticides EPAVic	mg/kg	0.1	<0.1			<0.1	<0.1	0			
	Other organochlorine pesticides EPAVic	mg/kg	0.1	<0.1			<0.1	<0.1	0			
	4,4-DDE	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0	<0.05	<0.05	0			
	a-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0	<0.05	<0.05	0			
	Aldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0	<0.05	<0.05	0			
	Aldrin + Dieldrin	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0			
	b-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0	<0.05	<0.05	0			
	chlordane	mg/kg	0.1 (Primary): 0.05 (Interlab)	<0.1	<0.05	0	<0.1	<0.1	0			

PROOF

Lab Report Number			842812	ES2142413		842812	842812		842812	842812	
Field ID		RPD	AI_TP82_0.3	20211116_T01	RPD	AI_TP116_0.1	AI_20211115_T02	RPD	AI_TP110_0.1	AI_20211115_T03	RPD
Sampled Date/Time			15/11/2021	15/11/2021		15/11/2021	15/11/2021		15/11/2021	15/11/2021	
Method_Type	ChemName	Units	EQL								
	d-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	DDD	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	DDT	mg/kg	0.05 (Primary): 1 (Interlab)		<0.05	<0.2	0	<0.05	<0.05	0			
	DDT+DDE+DDD	mg/kg	0.05		<0.05	<0.05	0	<0.05	<0.05	0			
	Dieldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Endosulfan I	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Endosulfan II	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Endosulfan sulphate	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Endrin	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Endrin aldehyde	mg/kg	0.05		<0.05	<0.05	0	<0.05	<0.05	0			
	Endrin ketone	mg/kg	0.05		<0.05	<0.05	0	<0.05	<0.05	0			
	g-BHC (Lindane)	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Heptachlor	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Heptachlor epoxide	mg/kg	0.05 (Primary): 0.5 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0			
	Methoxychlor	mg/kg	0.05 (Primary): 0.2 (Interlab)		<0.05	<0.2	0	<0.05	<0.05	0			
	Toxaphene	mg/kg	0.5		<0.5			<0.5	<0.5	0			
SVOC	4,4-DDE	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	a-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Aldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	b-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	d-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	DDD	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	DDT	mg/kg	1 (Primary): 0.2 (Interlab)	0	<1.0	<0.2	0	<1.0	<0.05	0			
	Dieldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Endosulfan I	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Endosulfan II	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Endosulfan sulphate	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Endrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Endrin aldehyde	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Endrin ketone	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	g-BHC (Lindane)	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Heptachlor	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Heptachlor epoxide	mg/kg	0.5 (Primary): 0.05 (Interlab)	0	<0.5	<0.05	0	<0.5	<0.05	0			
	Methoxychlor	mg/kg	0.5 (Primary): 0.2 (Interlab)	0	<0.5	<0.2	0	<0.5	<0.05	0			
OPP	Tokuthion	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Azinophos methyl	mg/kg	0.2 (Primary): 0.05 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Bolstar (Sulprofos)	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Chlorfenvinphos	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Chlorpyrifos	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Chlorpyrifos-methyl	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Coumaphos	mg/kg	2		<2.0			<2.0	<2.0	0			
	Demeton-O	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Demeton-S	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Diazinon	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Dichlorvos	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Dimethoate	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Disulfoton	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Ethion	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Ethoprop	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Fenitrothion	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Fensulfothion	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Fenthion	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	EPN	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Malathion	mg/kg	0.2 (Primary): 0.5 (Interlab)		<0.2	<0.05	0	<0.2	<0.2	0			
	Merphos	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Methyl parathion	mg/kg	0.2		<0.2	<0.2	0	<0.2	<0.2	0			
	Mevinphos (Phosdrin)	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Monocrotophos	mg/kg	2 (Primary): 0.2 (Interlab)		<2.0	<0.2	0	<2.0	<2.0	0			
	Naled (Dibrom)	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Omethoate	mg/kg	2		<2.0			<2.0	<2.0	0			
	Phorate	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Pyrazophos	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Ronnel	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Terbufos	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Trichloronate	mg/kg	0.2		<0.2			<0.2	<0.2	0			
	Tetrachlorvinphos	mg/kg	0.2		<0.2			<0.2	<0.2	0			
SVOC	Acetophenone	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
Organic	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)	0	<0.5	<0.5	0	<0.5	<0.5	0			
PAH	Acenaphthene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Acenaphthylene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Anthracene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Benz(a)anthracene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Benzo(a) pyrene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Benzo(b+j)fluoranthene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Benzo(g,h,i)perylene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Benzo(k)fluoranthene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Chrysene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Dibenz(a,h)anthracene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Fluoranthene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Fluorene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0			

	Lab Report Number			842812	ES2142413			842812	842812			842812	842812		
	Field ID	**RPD**		AI_TP82_0.3	20211116_T01	**RPD**		AI_TP116_0.1	AI_20211115_T02	**RPD**		AI_TP110_0.1	AI_20211115_T03	**RPD**	
	Sampled Date/Time			15/11/2021	15/11/2021			15/11/2021	15/11/2021			15/11/2021	15/11/2021		
Method_Type	**ChemName**	**Units**	**EQL**												
	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Phenanthrene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Pyrene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Benzo(a)pyrene TEQ calc (Half)	mg/kg	0.5	0	0.6	0.6	0	0.6	0.6	0					
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5	0	1.2	1.2	0	1.2	1.2	0					
	Benzo(a)pyrene TEQ calc (Zero)	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	PAHs (Sum of total)	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
SVOC	1-Chloronaphthalene	mg/kg	0.5		<0.5			<0.5	<0.5	0					
	2-chloronaphthalene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	2-methylnaphthalene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	3-methylcholanthrene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	7,12-dimethylbenz(a)anthracene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
OPP	Parathion	mg/kg	0.2		<0.2	<0.2	0	<0.2	<0.2	0					
	Pirimiphos-methyl	mg/kg	0.2		<0.2			<0.2	<0.2	0					
SVOC	Bis(2-ethylhexyl) phthalate	mg/kg	5	0	<5.0	<5.0	0	<5.0	<5.0	0					
	Butyl benzyl phthalate	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Diethylphthalate	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Dimethyl phthalate	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Di-n-butyl phthalate	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Di-n-octyl phthalate	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
VOC	Methyl Ethyl Ketone	mg/kg	0.5 (Primary): 5 (Interlab)	0	<0.5	<5.0	0	<0.5	<0.5	0					
	4-Methyl-2-pentanone	mg/kg	0.5 (Primary): 5 (Interlab)	0	<0.5	<5.0	0	<0.5	<0.5	0					
	Acetone	mg/kg	0.5		<0.5			<0.5	<0.5	0					
	Allyl chloride	mg/kg	0.5		<0.5			<0.5	<0.5	0					
	Carbon disulfide	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
SVOC	3,3-Dichlorobenzidine	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	4-(dimethylamino) azobenzene	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	4-bromophenyl phenyl ether	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	4-chlorophenyl phenyl ether	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Bis(2-chloroethoxy) methane	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	Bis(2-chloroisopropyl) ether	mg/kg	0.5		<0.5			<0.5	<0.5	0					
	Dibenzofuran	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
	N-nitrosopiperidine	mg/kg	0.5	0	<0.5	<0.5	0	<0.5	<0.5	0					
Organic	C6-C9	mg/kg	20 (Primary): 10 (Interlab)	0	<20.0	<10.0	0	<20.0	<20.0	0					
TPH	C10-C14	mg/kg	20 (Primary): 50 (Interlab)	0	<20.0	<50.0	0	<20.0	<20.0	0					
	C15-C28	mg/kg	50 (Primary): 100 (Interlab)	0	<50.0	<100.0	0	<50.0	<50.0	0					
	C29-C36	mg/kg	50 (Primary): 100 (Interlab)	0	<50.0	<100.0	0	<50.0	<50.0	0					
	C10-C36	mg/kg	50	0	<50.0	<50.0	0	<50.0	<50.0	0					
SVOC	Dibenz(a,j)acridine	mg/kg	0.5		<0.5			<0.5	<0.5	0					

*RPDs have only been considered where a concentration is greater than 1 times the EQL.
**High RPDs are in bold (Acceptable RPDs for each EQL multiplier range are: 80 (1-10 x EQL); 50 (10-30 x EQL
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methc

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		Lab Report Number	852528	852528		852528	852528		852528	ES2147421		852528	ES2147421		852729	852729		852729	852729		852729	852729		852729	852729		853214	853214		853214	ES2147422	
		Field ID	AI_TP225_0.4	AI_20212117_D01	RPD	AI_TP19_0.1	AI_20212117_D02	RPD	AI_TP225_0.4	20211217_T01	RPD	AI_TP19_0.1	20211217_T02	RPD	AI_TP27_0.1	AI_20211220_D01	RPD	AI_TP58_0.1	AI_20211220_D02	RPD	AI_TP108_0.5	AI_20211220_D03	RPD	AI_TP108_0.5	AI_20211220_T03	RPD	AI_TP58_0.1	AI_20211220_T02	RPD	AI_TP27_0.1	AI_20211220_T01	RPD	AI_TP86_0.4	AI_20211221_D01	RPD	AI_TP86_0.4	20211221_T01	RPD
		Sampled Date/Time	44547	44547		44547	44547		44547	44547		44547	44547		44550	44550		44550	44550		44550	44550		44550	44550		44550	44550		44550	44550		44551	44551		44551	44551	
Method_Type	**ChemName**	**Units**	**EQL**																																		
Organic	C6-C10	mg/kg	20 (Primary): 10 (Interlab)	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<10.0	0	<20.0	<10.0	0	<20.0	<20.0	0				<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<10.0	0
	C6-C10 (F1 minus BTEX)	mg/kg	20 (Primary): 10 (Interlab)	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<10.0	0	<20.0	<10.0	0	<20.0	<20.0	0				<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<10.0	0
	C10-C16	mg/kg	50	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0	0	**<50.0**	**1600.0**	**188**	<50.0	<50.0	0
	C10-C16 (F2 minus Naphthalene)	mg/kg	50	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0	0	**<50.0**	**1600.0**	**188**	<50.0	<50.0	0
	C16-C34	mg/kg	100	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	110.0	10				<100.0	<100.0	0	<100.0	<100.0	0				<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0
	C34-C40	mg/kg	100	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0				<100.0	<100.0	0	<100.0	<100.0	0				<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<100.0	0
	C10-C40 (Sum of total)	mg/kg	100 (Primary): 50 (Interlab)	<100.0	<100.0	0	<100.0	<100.0	0	<100.0	<50.0	0	<100.0	<50.0	0	<100.0	110.0	10				<100.0	<100.0	0	<100.0	<100.0	0				<100.0	<100.0	0	**<100.0**	**1600.0**	**176**	<100.0	<50.0	0
PFAS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/kg	10 (Primary): 0.5 (Interlab)				<10.0	<10.0	0				<10.0	<0.5	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.5	0
	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	Perfluorobutanoic acid (PFBA)	µg/kg	5 (Primary): 1 (Interlab)				<5.0	<5.0	0				<5.0	<1.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<1.0	0
	Perfluorodecanoic acid (PFDA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorododecanoic acid (PFDoDA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoroheptanoic acid (PFHpA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorohexanoic acid (PFHxA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorononanoic acid (PFNA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorooctanoic acid (PFOA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	0.3	0
	Perfluoropentanoic acid (PFPeA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorotetradecanoic acid (PFTeDA)	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	Perfluorotridecanoic acid (PFTrDA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoroundecanoic acid (PFUnDA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorobutane sulfonic acid (PFBS)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorodecanesulfonic acid (PFDS)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoroheptane sulfonic acid (PFHpS)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluorohexane sulfonic acid (PFHxS)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	0.5	0
	Perfluorononanesulfonic acid (PFNS)	µg/kg	5				<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0
	Perfluorooctanesulfonic acid (PFOS)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	5.2	4
	Perfluoropentane sulfonic acid (PFPeS)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Perfluoropropanesulfonic acid (PFPrS)	µg/kg	5				<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0
	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)				<10.0	<10.0	0				<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2	0
	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	N-methylperfluorooctane sulfonamidoacetic acid	µg/kg	10 (Primary): 0.2 (Interlab)				<10.0	<10.0	0				<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<0.2	0
	N-methylperfluorooctanesulfonamidoethanol	µg/kg	5 (Primary): 0.5 (Interlab)				<5.0	<5.0	0				<5.0	<0.5	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.5	0
	Perfluorooctane sulfonamide (PFOSA)	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<0.2	0
	Sum of PFAS	µg/kg	50 (Primary): 0.2 (Interlab)				<50.0	<50.0	0				<50.0	<0.2	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	6.0	0
	Sum of PFHxS and PFOS	µg/kg	5 (Primary): 0.2 (Interlab)				<5.0	<5.0	0				<5.0	<0.2	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	5.7	13
	Sum of PFAS (WA DER List)	µg/kg	10 (Primary): 0.2 (Interlab)				<10.0	<10.0	0				<10.0	<0.2	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	<10.0	0	<10.0	6.0	0
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/kg	5				<5.0	<5.0	0				<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
	Sum of US EPA PFAS (PFOS + PFOA)*	µg/kg	5				<5.0	<5.0	0				<5.0			<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
SVOC	2,3,4,6-Tetrachlorophenol	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	2,4,5-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0
	2,4,6-Trichlorophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0
	2,4-Dichlorophenol	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	2,4-Dimethylphenol	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	2,4-Dinitrophenol	mg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0			<5.0			<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
	2,6-Dichlorophenol	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	2-Chlorophenol	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	2-Methylphenol	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.5	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.5	0
	2-Nitrophenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0
	3&4-Methylphenol (m&p-Cresol)	mg/kg	0.4	<0.4	<0.4	0	<0.4	<0.4	0	<0.4			<0.4	<0.4	0	<0.4	<0.4	0				<0.4	<0.4	0	<0.4	<0.4	0				<0.4	<0.4	0	<0.4	<0.4	0	<0.4		
	4,6-Dinitro-2-methylphenol	mg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0			<5.0	<5.0	0	<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
	4-chloro-3-methylphenol	mg/kg	1 (Primary): 0.5 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0	<1.0	<0.5	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0
	4-Nitrophenol	mg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0			<5.0			<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0	<5.0		
	Pentachlorophenol	mg/kg	1	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0
	Phenol	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	N-nitrosodi-n-butylamine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	N-nitrosodi-n-propylamine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1-naphthylamine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.5	0
	2-naphthylamine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<1.0	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<1.0	<0.5	0	<0.5	<0.5	0	<0.5		
	Diphenylamine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	2-nitroaniline	mg/kg	1	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<1.0	0
	Aniline	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Volatile	Benzene	mg/kg	0.1 (Primary): 0.2 (Interlab)	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.2	0	<0.1	<0.2	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.2	0
	Toluene	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.5	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.5	0
	Ethylbenzene	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.5	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.5	0
	Xylene (m & p)	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.5	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.5	0
	Xylene (o)	mg/kg	0.1 (Primary): 0.5 (Interlab)	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.5	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.5	0
	Xylene Total	mg/kg	0.3 (Primary): 0.5 (Interlab)	<0.3	<0.3	0	<0.3	<0.3	0	<0.3	<0.5	0	<0.3	<0.5	0	<0.3	<0.3	0				<0.3	<0.3	0	<0.3	<0.3	0				<0.3	<0.3	0	<0.3	<0.3	0	<0.3	<0.5	0
SVOC	Benzyl chloride	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	Hexachlorobutadiene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Hexachlorocyclopentadiene	mg/kg	1 (Primary): 2.5 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0	<2.5	<1.0	0	<1.0	<2.5	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0

		Lab Report Number	852528	852528		852528	852528		852528	ES2147421		852528	ES2147421		852729	852729		852729	852729		852729	852729		852729	852729		852729	852729		853214	853214		853214	ES2147422	
		Field ID	AI_TP225_0.4	AI_20212117_D01	RPD	AI_TP19_0.1	AI_20212117_D02	RPD	AI_TP225_0.4	20211217_T01	RPD	AI_TP19_0.1	20211217_T02	RPD	AI_TP27_0.1	AI_20211220_D01	RPD	AI_TP58_0.1	AI_20211220_D02	RPD	AI_TP108_0.5	AI_20211220_D03	RPD	AI_TP108_0.5	AI_20211220_T03	RPD	AI_TP58_0.1	AI_20211220_T02	RPD	AI_TP27_0.1	AI_20211220_T01	RPD	AI_TP86_0.4	AI_20211221_D01	RPD	AI_TP86_0.4	20211221_T01	RPD
		Sampled Date/Time	44547	44547		44547	44547		44547	44547		44547	44547		44550	44550		44550	44550		44550	44550		44550	44550		44550	44550		44550	44550		44551	44551		44551	44551	
Method_Type	**ChemName**	**Units**	**EQL**																																		
SVOC	1,2,3,4-tetrachlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	1,2,3,5-Tetrachlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	1,2,3-trichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,2,4,5-tetrachlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	1,2,4-trichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,2-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,3,5-Trichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Hexachlorobenzene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Pentachlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
VOC	1,2-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,3-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,4-dichlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	4-chlorotoluene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Bromobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Chlorobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,2-dibromoethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Bromomethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0
	Dichlorodifluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0
	Iodomethane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Trichlorofluoromethane	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0
SVOC	Pronamide	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Trifluralin	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
Inorganic	Moisture Content (dried @ 103°C)	%	1	18.0	19.0	5	13.0	15.0	14	18.0			13.0			22.0	22.0	0	19.0	16.0	17	13.0	13.0	0	13.0	17.0	27	19.0	10.0	62	22.0	24.0	9	24.0	25.0	4	24.0		
VOC	Total MAH	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		
	1,2,4-trimethylbenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	1,3,5-trimethylbenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Isopropylbenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Styrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Heavy Metal	Arsenic	mg/kg	2 (Primary): 5 (Interlab)	**<2.0**	**4.0**	**67**	**10.0**	**15.0**	**40**	**<2.0**	**6.0**	**100**	10.0	9.0	11	**7.9**	**15.0**	**62**				2.4	2.4	0	2.4	3.0	22				7.9	6.1	26	**11.0**	**5.3**	**70**	11.0	11.0	0
	Cadmium	mg/kg	0.4 (Primary): 1 (Interlab)	<0.4	<0.4	0	<0.4	<0.4	0	<0.4	<1.0	0	<0.4	<1.0	0	<0.4	<0.4	0				<0.4	<0.4	0	<0.4	<0.4	0				<0.4	<0.4	0	<0.4	<0.4	0	<0.4	<1.0	0
	Chromium (III+VI)	mg/kg	5 (Primary): 2 (Interlab)	9.6	11.0	14	**22.0**	**33.0**	**40**	**9.6**	**16.0**	**50**	22.0	20.0	10	**19.0**	**30.0**	**45**				13.0	15.0	14	13.0	14.0	7				**19.0**	**13.0**	**38**	**34.0**	**17.0**	**67**	**34.0**	**24.0**	**34**
	Copper	mg/kg	5	13.0	13.0	0	9.8	9.0	9	**13.0**	**22.0**	**51**	9.8	8.0	20	13.0	17.0	27				21.0	27.0	25	21.0	28.0	29				13.0	11.0	17	26.0	21.0	21	26.0	22.0	17
	Lead	mg/kg	5	7.1	7.9	11	22.0	18.0	20	**7.1**	**13.0**	**59**	22.0	17.0	26	**18.0**	**38.0**	**71**				6.7	8.3	21	6.7	7.3	9				18.0	15.0	18	**23.0**	**16.0**	**36**	23.0	23.0	0
	Mercury	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
	Nickel	mg/kg	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	8.5	6.9	21	<5.0	5.0	0	8.5	7.0	19	**7.9**	**13.0**	**49**				9.8	12.0	20	9.8	11.0	12				7.9	6.3	23	**15.0**	**10.0**	**40**	15.0	12.0	22
	Zinc	mg/kg	5	11.0	12.0	9	22.0	22.0	0	11.0	16.0	37	22.0	17.0	26	**27.0**	**50.0**	**60**				53.0	68.0	25	**53.0**	**75.0**	**34**				27.0	25.0	8	72.0	55.0	27	72.0	63.0	13
SVOC	2-Picoline	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	4-aminobiphenyl	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
	Pentachloronitrobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
OCP	Organochlorine pesticides EPAVic	mg/kg	0.1	<0.1	<0.1	0				<0.1												<0.1	<0.1	0	<0.1	<0.1	0							<0.1	<0.1	0	<0.1		
	Other organochlorine pesticides EPAVic	mg/kg	0.1	<0.1	<0.1	0				<0.1												<0.1	<0.1	0	<0.1	<0.1	0							<0.1	<0.1	0	<0.1		
	4,4-DDE	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	a-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Aldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Aldrin + Dieldrin	mg/kg	0.05	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	b-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	chlordane	mg/kg	0.1 (Primary): 0.05 (Interlab)	<0.1	<0.1	0				<0.1	<0.05	0										<0.1	<0.1	0	<0.1	<0.1	0							<0.1	<0.1	0	<0.1	<0.05	0
	d-BHC	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	DDD	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	DDT	mg/kg	0.05 (Primary): 1 (Interlab)	<0.05	<0.05	0				<0.05	<0.2	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.2	0
	DDT+DDE+DDD	mg/kg	0.05	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Dieldrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Endosulfan I	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Endosulfan II	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Endosulfan sulphate	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Endrin	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Endrin aldehyde	mg/kg	0.05	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Endrin ketone	mg/kg	0.05	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	g-BHC (Lindane)	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Heptachlor	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Heptachlor epoxide	mg/kg	0.05 (Primary): 0.5 (Interlab)	<0.05	<0.05	0				<0.05	<0.05	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.05	0
	Methoxychlor	mg/kg	0.05 (Primary): 0.2 (Interlab)	<0.05	<0.05	0				<0.05	<0.2	0										<0.05	<0.05	0	<0.05	<0.05	0							<0.05	<0.05	0	<0.05	<0.2	0
	Toxaphene	mg/kg	0.5	<0.5	<0.5	0				<0.5												<0.5	<0.5	0	<0.5	<0.5	0							<0.5	<0.5	0	<0.5		
SVOC	4,4-DDE	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	a-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Aldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	b-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	d-BHC	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	DDD	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	DDT	mg/kg	1 (Primary): 0.2 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.2	0	<1.0	<0.2	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0	<1.0	<0.2	0
	Dieldrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Endosulfan I	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Endosulfan II	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Endosulfan sulphate	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Endrin	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Endrin aldehyde	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Endrin ketone	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	g-BHC (Lindane)	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Heptachlor	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Heptachlor epoxide	mg/kg	0.5 (Primary): 0.05 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0	<0.5	<0.05	0	<0.5	<0.05	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.05	0
	Methoxychlor	mg/kg	0.5 (Primary): 0.2 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.2	0	<0.5	<0.2	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.2	0

		Lab Report Number	852528	852528		852528	852528		852528	ES2147421		852528	ES2147421		852729	852729		852729	852729		852729	852729		852729	852729		853214	853214		853214	ES2147422	
		Field ID	AI_TP225_0.4	AI_20212117_D01	RPD	AI_TP19_0.1	AI_20212117_D02	RPD	AI_TP225_0.4	20211217_T01	RPD	AI_TP19_0.1	20211217_T02	RPD	AI_TP27_0.1	AI_20211220_D01	RPD	AI_TP58_0.1	AI_20211220_D02	RPD	AI_TP108_0.5	AI_20211220_D03	RPD	AI_TP108_0.5	AI_20211220_T03	RPD	AI_TP58_0.1	AI_20211220_T02	RPD	AI_TP27_0.1	AI_20211220_T01	RPD	AI_TP86_0.4	AI_20211221_D01	RPD	AI_TP86_0.4	20211221_T01	RPD
		Sampled Date/Time	44547	44547		44547	44547		44547	44547		44547	44547		44550	44550		44550	44550		44550	44550		44550	44550		44550	44550		44550	44550		44551	44551		44551	44551	
Method_Type	**ChemName**	**Units**	**EQL**																																		
OPP	Tokuthion	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Azinophos methyl	mg/kg	0.2 (Primary): 0.05 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Bolstar (Sulprofos)	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Chlorfenvinphos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Chlorpyrifos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Chlorpyrifos-methyl	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Coumaphos	mg/kg	2	<2.0	<2.0	0				<2.0														<2.0	<2.0	0	<2.0	<2.0	0				<2.0	<2.0	0	<2.0		
	Demeton-O	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Demeton-S	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Diazinon	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Dichlorvos	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Dimethoate	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Disulfoton	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Ethion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Ethoprop	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Fenitrothion	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Fensulfothion	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Fenthion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	EPN	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Malathion	mg/kg	0.2 (Primary): 0.5 (Interlab)	<0.2	<0.2	0				<0.2	<0.05	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.05	0
	Merphos	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Methyl parathion	mg/kg	0.2	<0.2	<0.2	0				<0.2	<0.2	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.2	0
	Mevinphos (Phosdrin)	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Monocrotophos	mg/kg	2 (Primary): 0.2 (Interlab)	<2.0	<2.0	0				<2.0	<0.2	0												<2.0	<2.0	0	<2.0	<2.0	0				<2.0	<2.0	0	<2.0	<0.2	0
	Naled (Dibrom)	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Omethoate	mg/kg	2	<2.0	<2.0	0				<2.0														<2.0	<2.0	0	<2.0	<2.0	0				<2.0	<2.0	0	<2.0		
	Phorate	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Pyrazophos	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Ronnel	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Terbufos	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Trichloronate	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
	Tetrachlorvinphos	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
SVOC	Acetophenone	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
Organic	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
PAH	Acenaphthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Acenaphthylene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Benz(a)anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Benzo(a) pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Benzo(g,h,i)perylene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Benzo(k)fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Chrysene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Dibenz(a,h)anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Fluorene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Naphthalene	mg/kg	0.5 (Primary): 1 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Phenanthrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Benzo(a)pyrene TEQ calc (Half)	mg/kg	0.5	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0						0.6	0.6	0	0.6	0.6	0				0.6	0.6	0	0.6	0.6	0
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0						1.2	1.2	0	1.2	1.2	0				1.2	1.2	0	1.2	1.2	0
	Benzo(a)pyrene TEQ calc (Zero)	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	PAHs (Sum of total)	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
SVOC	1-Chloronaphthalene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5		
	2-chloronaphthalene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	2-methylnaphthalene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	3-methylcholanthrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	7,12-dimethylbenz(a)anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<1.0	<1.0	0						<1.0	<1.0	0	<1.0	<1.0	0				<1.0	<1.0	0	<1.0	<1.0	0
OPP	Parathion	mg/kg	0.2	<0.2	<0.2	0				<0.2	<0.2	0												<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.2	0
	Pirimiphos-methyl	mg/kg	0.2	<0.2	<0.2	0				<0.2														<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2		
SVOC	Bis(2-ethylhexyl) phthalate	mg/kg	5	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0	<5.0	<5.0	0						<5.0	<5.0	0	<5.0	<5.0	0				<5.0	<5.0	0	<5.0	<5.0	0
	Butyl benzyl phthalate	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Diethylphthalate	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Dimethyl phthalate	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Di-n-butyl phthalate	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Di-n-octyl phthalate	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
VOC	Methyl Ethyl Ketone	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<5.0	0
	4-Methyl-2-pentanone	mg/kg	0.5 (Primary): 5 (Interlab)	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<5.0	0	<0.5	<5.0	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<5.0	0
	Acetone	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5		
	Allyl chloride	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5		
	Carbon disulfide	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
SVOC	3,3-Dichlorobenzidine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	4-(dimethylamino) azobenzene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	4-bromophenyl phenyl ether	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	4-chlorophenyl phenyl ether	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Bis(2-chloroethoxy) methane	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	Bis(2-chloroisopropyl) ether	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5		
	Dibenzofuran	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
	N-nitrosopiperidine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0
Organic	C6-C9	mg/kg	20 (Primary): 10 (Interlab)	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<10.0	0	<20.0	<10.0	0	<20.0	<20.0	0						<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<20.0	0	<20.0	<10.0	0
TPH	C10-C14	mg/kg	20 (Primary): 50 (Interlab)	<20.0	<20.0	0	<20.0	<20.0	0	<20.0	<50.0	0	<20.0	<50.0	0	<20.0	25.0	22						<20.0	<20.0	0	<20.0	<20.0	0				<20.0	<20.0	0	**<20.0**	**1200.0**	**193**	<20.0	<50.0	0
	C15-C28	mg/kg	50 (Primary): 100 (Interlab)	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<100.0	0	<50.0	<100.0	0	<50.0	59.0	17						<50.0	<50.0	0	<50.0	<50.0	0				<50.0	<50.0	0	**<50.0**	**470.0**	**162**	<50.0	<100.0	0
	C29-C36	mg/kg	50 (Primary): 100 (Interlab)	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<100.0	0	<50.0	<100.0	0	<50.0	60.0	18						<50.0	<50.0	0	<50.0	<50.0	0				<50.0	58.0	15	<50.0	<50.0	0	<50.0	<100.0	0
	C10-C36	mg/kg	50	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	<50.0	<50.0	0	**<50.0**	**144.0**	**97**						<50.0	<50.0	0	<50.0	<50.0	0				<50.0	58.0	15	**<50.0**	**1670.0**	**188**	<50.0	<50.0	0
SVOC	Dibenz(a,j)acridine	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5			<0.5			<0.5	<0.5	0						<0.5	<0.5	0	<0.5	<0.5	0				<0.5	<0.5	0	<0.5	<0.5	0	<0.5		

*RPDs have only been considered where a concentration is greater than 1 times the EQL.
**High RPDs are in bold (Acceptable RPDs for each EQL multiplier range are: 80 (1-10 x EQL); 50 (10-30 x EQL); 30 (> 30 x EQL))
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

Lab Report Number	861777	852729	838536	841164	835522	836571	861777	853609	898926	900392	900799
Field ID	20220209_R01	AI_TRIP BLANK	AI_TB	AI_TB	AI_TB	AI_TRIP BLANK	TB	AI_TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sampled_Date/Time	9/02/2022	20/12/2021	2/11/2021	8/11/2021	25/10/2021	27/10/2021	9/02/2022	9/11/2021	16/06/2022	21/06/2022	24/06/2022
Sample Type	Rinsate	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B

Chem_Group	ChemName	Units	EQL										
Heavy Metal	Arsenic	mg/l	0.001	**0.003**									
	Arsenic (Filtered)	mg/l	0.001										
	Cadmium	mg/l	0.0002	<0.0002									
	Cadmium (Filtered)	mg/l	0.0002										
	Chromium (III+VI)	mg/l	0.001	<0.001									
	Chromium (III+VI) (Filtered)	mg/l	0.001										
	Copper	mg/l	0.001	<0.001									
	Copper (Filtered)	mg/l	0.001										
	Lead	mg/l	0.001	<0.001									
	Lead (Filtered)	mg/l	0.001										
	Mercury	mg/l	0.0001	<0.0001									
	Mercury (Filtered)	mg/l	0.0001										
	Nickel	mg/l	0.001	<0.001									
	Nickel (Filtered)	mg/l	0.001										
	Zinc	mg/l	0.005	<0.005									
	Zinc (Filtered)	mg/l	0.005										
OCP	Organochlorine pesticides EPAVic	µg/l	2	<2									
	Other organochlorine pesticides EPAVic	µg/l	2	<2									
	4,4-DDE	µg/l	0.2	<0.2									
	a-BHC	µg/l	0.2	<0.2									
	Aldrin	µg/l	0.2	<0.2									
	Aldrin + Dieldrin	µg/l	0.2	<0.2									
	b-BHC	µg/l	0.2	<0.2									
	chlordane	µg/l	2	<2									
	d-BHC	µg/l	0.2	<0.2									
	DDD	µg/l	0.2	<0.2									
	DDT	µg/l	0.2	<0.2									
	DDT+DDE+DDD	µg/l	0.2	<0.2									
	Dieldrin	µg/l	0.2	<0.2									
	Endosulfan I	µg/l	0.2	<0.2									
	Endosulfan II	µg/l	0.2	<0.2									
	Endosulfan sulphate	µg/l	0.2	<0.2									
	Endrin	µg/l	0.2	<0.2									
	Endrin aldehyde	µg/l	0.2	<0.2									
	Endrin ketone	µg/l	0.2	<0.2									
	g-BHC (Lindane)	µg/l	0.2	<0.2									
	Heptachlor	µg/l	0.2	<0.2									
	Heptachlor epoxide	µg/l	0.2	<0.2									
	Hexachlorobenzene	µg/l	0.2	<0.2									
	Methoxychlor	µg/l	0.2	<0.2									
	Toxaphene	mg/l	0.005	<0.005									
OPP	Tokuthion	mg/l	0.002	<0.002									
	Azinophos methyl	µg/l	2	<2									
	Bolstar (Sulprofos)	µg/l	2	<2									
	Chlorfenvinphos	µg/l	20	<20									
	Chlorpyrifos	µg/l	2	<2									
	Chlorpyrifos-methyl	mg/l	0.002	<0.002									
	Coumaphos	µg/l	20	<20									
	Demeton-O	µg/l	2	<2									
	Demeton-S	µg/l	2	<2									
	Diazinon	µg/l	2	<2									
	Dichlorvos	µg/l	2	<2									
	Dimethoate	µg/l	2	<2									
	Disulfoton	µg/l	2	<2									
	Ethion	µg/l	2	<2									
	Ethoprop	µg/l	2	<2									
	Fenitrothion	µg/l	2	<2									
	Fensulfothion	µg/l	2	<2									
	Fenthion	µg/l	2	<2									
	EPN	µg/l	2	<2									
	Malathion	µg/l	2	<2									
	Merphos	mg/l	0.002	<0.002									
	Methyl parathion	µg/l	2	<2									
	Mevinphos (Phosdrin)	µg/l	2	<2									
	Monocrotophos	µg/l	2	<2									
	Naled (Dibrom)	µg/l	2	<2									
	Omethoate	µg/l	20	<20									
	Parathion	µg/l	2	<2									
	Phorate	µg/l	2	<2									
	Pirimiphos-methyl	mg/l	0.02	<0.02									
	Pyrazophos	µg/l	2	<2									
	Ronnel	µg/l	2	<2									
	Terbufos	µg/l	2	<2									
	Trichloronate	µg/l	2	<2									
	Tetrachlorvinphos	mg/l	0.002	<0.002									
Organic	>C10 - C40 Fraction (sum) (SG)	mg/l	0.1										
	Tokuthion	mg/l	0.002										
	TPH C10-C14 Fraction after Silica Cleanup	mg/l	0.05										
	TPH C15-C28 Fraction after Silica Cleanup	mg/l	0.1										
	TPH C29-C36 Fraction after Silica Cleanup	mg/l	0.1										
	TRH >C10-C16 (after silica gel clean-up)	mg/l	0.05										
	TRH >C16-C34 (after silica gel clean-up)	mg/l	0.1										
	TRH >C34-C40 (after silica gel clean-up)	mg/l	0.1										
	1,1,1,2-tetrachloroethane	µg/l	1										
	C6-C9	µg/l	20	<20							<20		<20
	C10-C14	µg/l	50										
	C15-C28	µg/l	100										
	C29-C36	µg/l	100										
	C6-C10	µg/l	20	<20							<20		<20
	C6-C10 (F1 minus BTEX)	µg/l	20	<20							<20		<20
	C10-C16	µg/l	50	<50									
	C10-C16 (F2 minus Naphthalene)	µg/l	50	<50									
	C16-C34	µg/l	100	<100									
	1,1,1-trichloroethane	µg/l	1										
	C34-C40	µg/l	100	<100									
	C10-C40 (Sum of total)	µg/l	100	<100									
	Naphthalene	µg/l	1	<10							<10		<10
PAH	Acenaphthene	µg/l	1	<1									
	Acenaphthylene	µg/l	1	<1									
	Anthracene	µg/l	1	<1									
	Benz(a)anthracene	µg/l	1	<1									
	Benzo(a) pyrene	µg/l	1	<1									
	Benzo(b+j)fluoranthene	mg/l	0.001	<0.001									
	Benzo(g,h,i)perylene	µg/l	1	<1									
	Benzo(k)fluoranthene	µg/l	1	<1									
	Chrysene	µg/l	1	<1									
	Dibenz(a,h)anthracene	µg/l	1	<1									
	Fluoranthene	µg/l	1	<1									
	Fluorene	µg/l	1	<1									
	Indeno(1,2,3-c,d)pyrene	µg/l	1	<1									
	Naphthalene	µg/l	1	<1									
	Phenanthrene	µg/l	1	<1									
	Pyrene	µg/l	1	<1									
	PAHs (Sum of total)	µg/l	1	<1									

Lab Report Number			861777	852729	838536	841164	835522	836571	861777	853609	898926	900392	900799
Field ID			20220209_R01	AI_TRIP BLANK	AI_TB	AI_TB	AI_TB	AI_TRIP BLANK	TB	AI_TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sampled_Date/Time			9/02/2022	20/12/2021	2/11/2021	8/11/2021	25/10/2021	27/10/2021	9/02/2022	9/11/2021	16/06/2022	21/06/2022	24/06/2022
Sample Type			Rinsate	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Chem_Group	**ChemName**	**Units**	**EQL**										
PFAS	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/L	0.01	<0.01									
	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/L	0.01	<0.01									
	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	µg/L	0.05	<0.05									
	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	µg/L	0.01	<0.01									
	Perfluorobutanoic acid (PFBA)	µg/L	0.05	<0.05									
	Perfluorodecanoic acid (PFDA)	µg/L	0.01	<0.01									
	Perfluorododecanoic acid (PFDoDA)	µg/L	0.01	<0.01									
	Perfluoroheptanoic acid (PFHpA)	µg/L	0.01	<0.01									
	Perfluorohexanoic acid (PFHxA)	µg/L	0.01	<0.01									
	Perfluorononanoic acid (PFNA)	µg/L	0.01	<0.01									
	Perfluorooctanoic acid (PFOA)	µg/L	0.01	<0.01									
	Perfluoropentanoic acid (PFPeA)	µg/L	0.01	<0.01									
	Perfluorotetradecanoic acid (PFTeDA)	µg/L	0.01	<0.01									
	Perfluorotridecanoic acid (PFTrDA)	µg/L	0.01	<0.01									
	Perfluoroundecanoic acid (PFUnDA)	µg/L	0.01	<0.01									
	Perfluorobutane sulfonic acid (PFBS)	µg/L	0.01	<0.01									
	Perfluorodecanesulfonic acid (PFDS)	µg/L	0.01	<0.01									
	Perfluoroheptane sulfonic acid (PFHpS)	µg/L	0.01	<0.01									
	Perfluorohexane sulfonic acid (PFHxS)	µg/L	0.01	<0.01									
	Perfluorononanesulfonic acid (PFNS)	µg/L	0.01	<0.01									
	Perfluorooctanesulfonic acid (PFOS)	µg/L	0.01	<0.01									
	Perfluoropentane sulfonic acid (PFPeS)	µg/L	0.01	<0.01									
	Perfluoropropanesulfonic acid (PFPrS)	µg/L	0.01	<0.01									
	N-ethyl perfluorooctane sulfonamide (NEtFOSA)	µg/L	0.05	<0.05									
	N-ethyl-perfluorooctanesulfonamidoacetic acid	µg/L	0.05	<0.05									
	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	µg/L	0.05	<0.05									
	N-methyl perfluorooctane sulfonamide (NMeFOSA)	µg/L	0.05	<0.05									
	N-methylperfluorooctane sulfonamidoacetic acid	µg/L	0.05	<0.05									
	N-methylperfluorooctanesulfonamidoethanol	µg/L	0.05	<0.05									
	Perfluorooctane sulfonamide (PFOSA)	µg/L	0.05	<0.05									
	Sum of PFAS	µg/L	0.1	<0.1									
	Sum of PFHxS and PFOS	µg/L	0.01	<0.01									
	Sum of PFAS (WA DER List)	µg/L	0.05	<0.05									
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/L	0.01	<0.01									
	Sum of US EPA PFAS (PFOS + PFOA)*	µg/L	0.01	<0.01									
SVOC	1,2,3,4-tetrachlorobenzene	mg/l	0.005	<0.005									
	1,2,3,5-Tetrachlorobenzene	mg/l	0.005	<0.005									
	1,2,3-trichlorobenzene	µg/l	5	<5									
	1,2,4,5-tetrachlorobenzene	µg/l	5	<5									
	1,2,4-trichlorobenzene	µg/l	5	<5									
	1,2-dichlorobenzene	µg/l	5	<5									
	1,3,5-Trichlorobenzene	µg/l	5	<5									
	1,3-dichlorobenzene	µg/l	5	<5									
	1,4-dichlorobenzene	µg/l	5	<5									
	1-naphthylamine	µg/l	5	<10									
	Dibenz(a,j)acridine	mg/l	0.005	<0.005									
	1-Chloronaphthalene	µg/l	5	<5									
	2,4-Dinitrotoluene	µg/l	5	<5									
	2-chloronaphthalene	µg/l	5	<5									
	2-methylnaphthalene	µg/l	5	<5									
	2,6-dinitrotoluene	µg/l	5	<5									
	3-methylcholanthrene	µg/l	5	<5									
	7,12-dimethylbenz(a)anthracene	µg/l	5	<5									
	2-naphthylamine	µg/l	5	<10									
	2-nitroaniline	µg/l	5	<5									
	2-Picoline	µg/l	5	<5									
	3,3-Dichlorobenzidine	µg/l	5	<5									
	4-(dimethylamino) azobenzene	µg/l	5	<5									
	4,4-DDE	µg/l	5	<5									
	4-aminobiphenyl	µg/l	5	<5									
	4-bromophenyl phenyl ether	µg/l	5	<5									
	4-chlorophenyl phenyl ether	µg/l	5	<5									
	a-BHC	µg/l	5	<5									
	Acetophenone	µg/l	5	<5									
	Aldrin	µg/l	5	<5									
	Aniline	µg/l	5	<5									
	b-BHC	µg/l	5	<5									
	Benzyl chloride	mg/l	0.005	<0.005									
	Bis(2-chloroethoxy) methane	µg/l	5	<5									
	Bis(2-chloroisopropyl) ether	µg/l	5	<5									
	Bis(2-ethylhexyl) phthalate	µg/l	5	<5									
	Butyl benzyl phthalate	µg/l	5	<5									
	2,3,4,6-Tetrachlorophenol	µg/l	10	<10									
	2,4,5-Trichlorophenol	µg/l	10	<10									
	2,4,6-Trichlorophenol	µg/l	10	<10									
	2,4-Dichlorophenol	µg/l	3	<3									
	2,4-Dimethylphenol	µg/l	3	<3									
	2,4-Dinitrophenol	mg/l	0.03	<0.03									
	2,6-Dichlorophenol	µg/l	3	<3									
	2-Chlorophenol	µg/l	3	<3									
	2-Methylphenol	µg/l	3	<3									
	2-Nitrophenol	µg/l	10	<10									
	3&4-Methylphenol (m&p-Cresol)	mg/kg	0.006	<0.006									
	d-BHC	µg/l	5	<5									
	DDD	µg/l	5	<5									
	DDT	µg/l	5	<5									
	4,6-Dinitro-2-methylphenol	µg/l	30	<30									
	4-chloro-3-methylphenol	µg/l	10	<10									
	Dibenzofuran	µg/l	5	<5									
	4-Nitrophenol	µg/l	30	<30									
	Pentachlorophenol	µg/l	10	<10									
	Dieldrin	µg/l	5	<5									
	Diethylphthalate	µg/l	5	<5									
	Dimethyl phthalate	µg/l	5	<5									
	Phenol	µg/l	3	<3									
	Di-n-butyl phthalate	µg/l	5	<5									
	Di-n-octyl phthalate	µg/l	5	<5									
	Diphenylamine	µg/l	5	<5									
	Endosulfan I	µg/l	5	<5									
	Endosulfan II	µg/l	5	<5									
	Endosulfan sulphate	µg/l	5	<5									
	Endrin	µg/l	5	<5									
	Endrin aldehyde	µg/l	5	<5									
	Endrin ketone	µg/l	5	<5									
	g-BHC (Lindane)	µg/l	5	<5									
	Heptachlor	µg/l	5	<5									
	Heptachlor epoxide	µg/l	5	<5									
	Hexachlorobenzene	µg/l	5	<5									
	Hexachlorobutadiene	µg/l	5	<5									
	Hexachlorocyclopentadiene	µg/l	5	<5									
	Hexachloroethane	µg/l	5	<5									
	Methoxychlor	µg/l	5	<5									
	Nitrobenzene	µg/l	5	<5									
	N-nitrosodi-n-butylamine	µg/l	5	<5									
	N-nitrosodi-n-propylamine	µg/l	5	<5									
	N-nitrosopiperidine	µg/l	5	<5									
	Pentachlorobenzene	µg/l	5	<5									
	Pentachloronitrobenzene	µg/l	5	<5									
	Pronamide	µg/l	5	<5									
	Trifluralin	mg/l	0.005	<0.005									

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Lab Report Number			861777	852729	838536	841164	835522	836571	861777	853609	898926	900392	900799
Field ID			20220209_R01	AI_TRIP BLANK	AI_TB	AI_TB	AI_TB	AI_TRIP BLANK	TB	AI_TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sampled_Date/Time			9/02/2022	20/12/2021	2/11/2021	8/11/2021	25/10/2021	27/10/2021	9/02/2022	9/11/2021	16/06/2022	21/06/2022	24/06/2022
Sample Type			Rinsate	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Chem_Group	**ChemName**	**Units**	**EQL**										
TPH	TPH C10-C14 Fraction after Silica Cleanup	mg/l	0.05										
	TPH C15-C28 Fraction after Silica Cleanup	mg/l	0.1										
	TPH C29-C36 Fraction after Silica Cleanup	mg/l	0.1										
	TRH C10-C36 (Total) (after silica gel clean-up)	mg/l	0.1										
	C10-C14	µg/l	50	<50									
	C15-C28	µg/l	100	<100									
	C29-C36	µg/l	100	<100									
	C10-C36	µg/l	100	<100									
VOC	Chlorinated hydrocarbons EPAVic	µg/l	5	<5									
	Other chlorinated hydrocarbons EPAVic	µg/l	5	<5									
	1,1,1,2-tetrachloroethane	µg/l	1	<1									
	1,1,1-trichloroethane	µg/l	1	<1									
	1,1,2,2-tetrachloroethane	µg/l	1	<1									
	1,1,2-trichloroethane	µg/l	1	<1									
	Total MAH	mg/l	0.003	<0.003									
	1,1-dichloroethane	µg/l	1	<1									
	1,1-dichloroethene	µg/l	1	<1									
	1,2,3-trichloropropane	µg/l	1	<1									
	1,2,4-trimethylbenzene	µg/l	1	<1									
	1,2-dibromoethane	µg/l	1	<1									
	1,2-dichlorobenzene	µg/l	1	<1									
	1,2-dichloroethane	µg/l	1	<1									
	1,2-dichloropropane	µg/l	1	<1									
	1,3,5-trimethylbenzene	µg/l	1	<1									
	1,3-dichlorobenzene	µg/l	1	<1									
	1,3-dichloropropane	µg/l	1	<1									
	1,4-dichlorobenzene	µg/l	1	<1									
	Methyl Ethyl Ketone	µg/l	5	<5									
	4-chlorotoluene	µg/l	1	<1									
	4-Methyl-2-pentanone	µg/l	5	<5									
	Acetone	mg/l	0.005	<0.005									
	Allyl chloride	mg/l	0.001	<0.001									
	Bromobenzene	µg/l	1	<1									
	Bromochloromethane	µg/l	1	<1									
	Bromodichloromethane	µg/l	1	<1									
	Bromoform	µg/l	1	<1									
	Bromomethane	µg/l	5	<5									
	Carbon disulfide	µg/l	1	<1									
	Carbon tetrachloride	µg/l	1	<1									
	Chlorobenzene	µg/l	1	<1									
	Chlorodibromomethane	µg/l	1	<1									
	Chloroethane	µg/l	5	<5									
	Chloroform	µg/l	5	<5									
	Chloromethane	µg/l	5	<5									
	cis-1,2-dichloroethene	µg/l	1	<1									
	cis-1,3-dichloropropene	µg/l	1	<1									
	Dibromomethane	µg/l	1	<1									
	Dichlorodifluoromethane	µg/l	5	<5									
	Dichloromethane	µg/l	5	<5									
	Iodomethane	µg/l	1	<1									
	Isopropylbenzene	µg/l	1	<1									
	Styrene	µg/l	1	<1									
	Trichloroethene	µg/l	1	<1									
	Tetrachloroethene	µg/l	1	<1									
	trans-1,2-dichloroethene	µg/l	1	<1									
	trans-1,3-dichloropropene	µg/l	1	<1									
	Trichlorofluoromethane	µg/l	5	<5									
	Vinyl chloride	µg/l	5	<5									
Volatile	1,2,4-trimethylbenzene	µg/l	1										
	1,3,5-trimethylbenzene	µg/l	1										
	Benzene	µg/l	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Toluene	µg/l	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Ethylbenzene	µg/l	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Xylene (m & p)	µg/l	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	Xylene (o)	µg/l	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Xylene Total	µg/l	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3

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Trip Spike Recoveries (30% - 150% is acceptable)

SDG	Lab_Report_Number	Matrix_Type	Field_ID	Method_Name	Compound	Spike_Recovery_%	Acceptable	Result_Type	Lab_Comments
5-Nov-21	838536	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Benzene	110	Y	REG	
05 Nov 2021	838536	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	110	Y	REG	
05 Nov 2021	838536	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	110	Y	REG	
05 Nov 2021	838536	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	o-Xylene	100	Y	REG	
05 Nov 2021	838536	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Toluene	110	Y	REG	
05 Nov 2021	838536	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	110	Y	REG	
09 Feb 2022	861777	WATER	TS	LTM-ORG-2010 TRH C6-C40	Benzene	110	Y	REG	
09 Feb 2022	861777	WATER	TS	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	110	Y	REG	
09 Feb 2022	861777	WATER	TS	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	110	Y	REG	
09 Feb 2022	861777	WATER	TS	LTM-ORG-2010 TRH C6-C40	o-Xylene	110	Y	REG	
09 Feb 2022	861777	WATER	TS	LTM-ORG-2010 TRH C6-C40	Toluene	110	Y	REG	
09 Feb 2022	861777	WATER	TS	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	110	Y	REG	
11 Nov 2021	853609	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Benzene	62	Y	REG	
11 Nov 2021	853609	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	30	Y	REG	
11 Nov 2021	853609	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	54	Y	REG	
11 Nov 2021	853609	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	o-Xylene	19	N	REG	
11 Nov 2021	853609	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Toluene	36	Y	REG	
11 Nov 2021	853609	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	31	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Benzene	88	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	92	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	95	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Naphthalene	110	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	o-Xylene	87	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Toluene	85	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	TRH C6-C10	71	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	TRH C6-C9	72	Y	REG	
17 Jun 2022	898926	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	90	Y	REG	
21 Dec 2021	852729	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Benzene	100	Y	REG	
21 Dec 2021	852729	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	90	Y	REG	
21 Dec 2021	852729	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	110	Y	REG	
21 Dec 2021	852729	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	o-Xylene	85	Y	REG	
21 Dec 2021	852729	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Toluene	89	Y	REG	
21 Dec 2021	852729	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	93	Y	REG	
22 Jun 2022	900392	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Benzene	96	Y	REG	
22 Jun 2022	900392	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	86	Y	REG	
22 Jun 2022	900392	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	91	Y	REG	
22 Jun 2022	900392	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	o-Xylene	85	Y	REG	
22 Jun 2022	900392	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Toluene	88	Y	REG	
22 Jun 2022	900392	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	87	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Benzene	97	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	95	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	96	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Naphthalene	95	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	o-Xylene	93	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Toluene	97	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	TRH C6-C10	78	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	TRH C6-C9	83	Y	REG	
24 Jun 2022	900799	WATER	TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	94	Y	REG	
26 Oct 2021	835522	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Benzene	120	Y	REG	
26 Oct 2021	835522	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	90	Y	REG	
26 Oct 2021	835522	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	100	Y	REG	
26 Oct 2021	835522	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	o-Xylene	82	Y	REG	
26 Oct 2021	835522	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Toluene	96	Y	REG	
26 Oct 2021	835522	WATER	AI_TS	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	89	Y	REG	
27 Oct 2021	836571	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Benzene	120	Y	REG	
27 Oct 2021	836571	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Ethylbenzene	110	Y	REG	
27 Oct 2021	836571	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	m&p-Xylenes	110	Y	REG	
27 Oct 2021	836571	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	o-Xylene	100	Y	REG	
27 Oct 2021	836571	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Toluene	110	Y	REG	
27 Oct 2021	836571	WATER	AI_TRIP SPIKE	LTM-ORG-2010 TRH C6-C40	Xylenes - Total	100	Y	REG	

Lab Duplicates with high RPDs

SDG	Lab_Report_Number	Matrix_Type	Lab_Duplicate	Field_ID	Depth	Sampled_Date-Time	Method_Name	Compound	Parent_Result	Dupe_Result	Result_Unit	EQL	RPD
	ES2204594	WATER	QC-4172489-006_ES2204594			9/02/2022	EG020T: Total Metals by ICP-MS	Nickel	0.002	0.001	mg/L	0.001 mg/L	67
	ES2204594	WATER	QC-4172489-006_ES2204594			9/02/2022	EG020T: Total Metals by ICP-MS	Copper	0.002	0.001	mg/L	0.001 mg/L	67
	ES2141124	SOIL	QC-MRG2-4018546018_ES2141124			12/11/2021	EG005(ED093)T: Total Metals by ICP-AES	Chromium	64	111	mg/kg	2 mg/kg	54
	ES2141125	SOIL	QC-MRG2-4018546018_ES2141125			12/11/2021	EG005(ED093)T: Total Metals by ICP-AES	Chromium	64	111	mg/kg	2 mg/kg	54
05 Nov 2021	838534	SOIL	S21-No14184-DUP	AI_TP246_0.1	0.1 - 0.1	1/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Lead	17	8.4	MG/KG	5 mg/kg	68
05 Nov 2021	838534	SOIL	S21-No14184-DUP	AI_TP246_0.1	0.1 - 0.1	1/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Arsenic	4.1	2.4	MG/KG	2 mg/kg	52
05 Nov 2021	838534	SOIL	S21-No14184-DUP	AI_TP246_0.1	0.1 - 0.1	1/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Copper	12	5.6	MG/KG	5 mg/kg	73
05 Nov 2021	838534	SOIL	S21-No14184-DUP	AI_TP246_0.1	0.1 - 0.1	1/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Zinc	27	12	MG/KG	5 mg/kg	77
05 Nov 2021	838537	SOIL	S21-No14268-DUP	AI_TP233_0.3	0.3 - 0.3	3/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Nickel	7.7	15	MG/KG	5 mg/kg	64
05 Nov 2021	838537	SOIL	S21-No14268-DUP	AI_TP233_0.3	0.3 - 0.3	3/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Zinc	16	38	MG/KG	5 mg/kg	81
05 Nov 2021	838537	SOIL	S21-No14271-DUP	AI_TP231_0.1	0.1 - 0.1	3/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Lead	13	26	MG/KG	5 mg/kg	67
05 Nov 2021	838537	SOIL	S21-No14271-DUP	AI_TP231_0.1	0.1 - 0.1	3/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Nickel	5.3	10	MG/KG	5 mg/kg	61
05 Nov 2021	838537	SOIL	S21-No14271-DUP	AI_TP231_0.1	0.1 - 0.1	3/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Arsenic	6.5	13	MG/KG	2 mg/kg	67
05 Nov 2021	838537	SOIL	S21-No14271-DUP	AI_TP231_0.1	0.1 - 0.1	3/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Chromium	18	31	MG/KG	5 mg/kg	53
05 Nov 2021	838537	SOIL	S21-No14271-DUP	AI_TP231_0.1	0.1 - 0.1	3/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Zinc	14	27	MG/KG	5 mg/kg	63
05 Nov 2021	838538	SOIL	S21-No14299-DUP	AI_TP182_0.1	0.1 - 0.1	3/11/2021	LTM-GEN-7080 Moisture	% Moisture	14	19	%	1 %	30
05 Nov 2021	838539	SOIL	S21-No14321-DUP	AI_TP08_0.3	0.3 - 0.3	4/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Arsenic	7.8	14	MG/KG	2 mg/kg	57
11 Nov 2021	841164	SOIL	S21-No35226-DUP	AI_TP118_0.2	0.2 - 0.2	8/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Zinc	52	71	MG/KG	5 mg/kg	31
11 Nov 2021	841164	SOIL	S21-No35237-DUP	AI_TP95_0.1	0.1 - 0.1	8/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Chromium	16	28	MG/KG	5 mg/kg	55
11 Nov 2021	841164	SOIL	S21-No35276-DUP	AI_20211108_D02	0.1 - 0.1	8/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Nickel	6.9	12	MG/KG	5 mg/kg	54
26 Oct 2021	835522	SOIL	S21-Oc57142-DUP	AI_1B_TP55_0.5	0.5 - 0.5	25/10/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Arsenic	7.8	15	MG/KG	2 mg/kg	63
11 Nov 2021	853609	SOIL	S22-Ja00490-DUP	AI_TP36-0.3	0.3 - 0.3	9/11/2021	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Arsenic	4.9	8.7	MG/KG	2 mg/kg	56
24 Jun 2022	900799	WATER	S22-Jn0058973-DUP	MW02		24/06/2022	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Arsenic (filtered)	0.002	0.001	MG/L	0.001 mg/L	67
24 Jun 2022	900799	WATER	S22-Jn0058973-DUP	MW02		24/06/2022	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	Cadmium (filtered)	<0.0002	0.0004	MG/L	0.0002 mg/L	67

Matrix Spike Recoveries less than 30% or greater than 150% or outside lab LCL or UCL

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
	ES2139396	SOIL	26/10/2021	EP231D: (n:2) Fluorotelomer Sulfonic Acids	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	151	REG	69.2	143	Recove	Recovery > upper data quality objective (DQO)
	ES2139396	SOIL	26/10/2021	EP231D: (n:2) Fluorotelomer Sulfonic Acids	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	140	REG	65	137	Recove	Recovery > upper data quality objective (DQO)
	ES2139396	SOIL	26/10/2021	EP231D: (n:2) Fluorotelomer Sulfonic Acids	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	153	REG	62	145	Recove	Recovery > upper data quality objective (DQO)
	ES2139572	SOIL	26/10/2021	EP231D: (n:2) Fluorotelomer Sulfonic Acids	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	151	REG	69.2	143	Recove	Recovery > upper data quality objective (DQO)
	ES2139572	SOIL	26/10/2021	EP231D: (n:2) Fluorotelomer Sulfonic Acids	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	140	REG	65	137	Recove	Recovery > upper data quality objective (DQO)
	ES2139572	SOIL	26/10/2021	EP231D: (n:2) Fluorotelomer Sulfonic Acids	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	153	REG	62	145	Recove	Recovery > upper data quality objective (DQO)
	ES2141124	SOIL	2/11/2021	EP075T: Base/Neutral Extractable Surrogates	Anthracene-d10	128	SUR	35	123	Recove	Recovery > upper data quality objective (DQO)
	ES2141125	SOIL	2/11/2021	EP075T: Base/Neutral Extractable Surrogates	Anthracene-d10	128	SUR	35	123	Recove	Recovery > upper data quality objective (DQO)
	ES2204594	WATER	10/02/2022	EP075A: Phenolic Compounds	Phenol	28.1	REG	20	130		

Surrogate Variation > 25% or outside lab LCL or UCL

SDG	Lab_Report_Number	Sample_Type	Matrix_Type	Field_ID	Sampled_Date-Time	Compound	Recovery %	Unit	LCL	UCL	Lab_Comments
ALSE-Sydney 02-Nov-21	ES2139572	Interlab_D	SOIL	1B_20211027_T01	27/10/2021	2.4.6-Tribromophenol	73.7	%	12.5	121	
ALSE-Sydney 12-Nov-21	ES2141124	Interlab_D	SOIL	20211102_T01	2/11/2021	2.4.6-Tribromophenol	72.1	%	40	138	
ALSE-Sydney 12-Nov-21	ES2141124	Interlab_D	SOIL	20211102_T01	2/11/2021	DEF	128	%	35	143	
ALSE-Sydney 12-Nov-21	ES2141124	Interlab_D	SOIL	20211102_T03	2/11/2021	2.4.6-Tribromophenol	70.6	%	40	138	
ALSE-Sydney 12-Nov-21	ES2141124	Interlab_D	SOIL	20211102_T03	2/11/2021	2-Fluorobiphenyl	125	%	35	121	Recovery > upper data quality objective (DQO)
ALSE-Sydney 12-Nov-21	ES2141124	Interlab_D	SOIL	20211102_T03	2/11/2021	DEF	134	%	35	143	
ALSE-Sydney 12-Nov-21	ES2141125	Interlab_D	SOIL	20211028_T01	28/10/2021	2.4.6-Tribromophenol	73.8	%	40	138	
ALSE-Sydney 12-Nov-21	ES2141125	Interlab_D	SOIL	20211028_T01	28/10/2021	DEF	130	%	35	143	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	2.4.6-Tribromophenol	50.3	%	17	125	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	2.4.6-Tribromophenol	60.9	%	10	151	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	Phenol-d6	24.4	%	10	44	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	Phenol-d6	24.1	%	10	69	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	4-Terphenyl-d14	72.6	%	32	112	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	4-Terphenyl-d14	70.5	%	21.4	123	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	Anthracene-d10	69.4	%	27.4	113	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	1.2-Dichlorobenzene-D4	51.2	%	23.6	121	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	2-Chlorophenol-D4	48.8	%	14	94	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	2-Chlorophenol-D4	48.5	%	20.9	130	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	2-Fluorobiphenyl	64.3	%	20	104	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	2-Fluorobiphenyl	44.9	%	27.2	135	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	2-Fluorophenol	37.3	%	10	117	
ALSE-Sydney 10-Feb-22	ES2204594	Interlab_D	WATER	20220209_T01	9/02/2022	Nitrobenzene-D5	58.7	%	29.4	142	
	ES2139572	MS	SOIL		27/10/2021	2.4.6-Tribromophenol	74.6	%	40	138	
	ES2139572	MS	SOIL		27/10/2021	2.4.6-Tribromophenol	64.8	%	12.5	121	
	ES2139572	MS	SOIL		27/10/2021	2-Fluorophenol	126	%	29.4	149	
	ES2141124	MS	SOIL		2/11/2021	Anthracene-d10	128	%	35	123	Recovery > upper data quality objective (DQO)
	ES2141125	MS	SOIL		2/11/2021	Anthracene-d10	128	%	35	123	Recovery > upper data quality objective (DQO)
	ES2141124	LAB_D	SOIL		2/11/2021	1.2-Dichloroethane-D4	73.6	%	72.8	133	
	ES2141124	LAB_D	SOIL		2/11/2021	4-Bromofluorobenzene	73.8	%	71.6	130	
	ES2141125	LAB_D	SOIL		2/11/2021	1.2-Dichloroethane-D4	73.6	%	72.8	133	
	ES2141125	LAB_D	SOIL		2/11/2021	4-Bromofluorobenzene	73.8	%	71.6	130	
	ES2139396	MB	SOIL		2/11/2021	2.4.6-Tribromophenol	43.4	%	10	105	
	ES2139572	MB	SOIL		4/11/2021	2.4.6-Tribromophenol	64.4	%	46	132	
	ES2139572	MB	SOIL		4/11/2021	2.4.6-Tribromophenol	45.2	%	10	105	
	ES2139572	MB	SOIL		4/11/2021	Anthracene-d10	125	%	54	118	Recovery > upper data quality objective (DQO)Recovery > uppe
	ES2139572	MB	SOIL		4/11/2021	Nitrobenzene-D5	65.8	%	49.7	132	
	ES2139572	LAB_D	SOIL		27/10/2021	2.4.6-Tribromophenol	56.8	%	12.5	121	The final results for this regular task or duplicate task was greate
	ES2141124	MB	SOIL		16/11/2021	2.4.6-Tribromophenol	64.4	%	46	132	
	ES2141124	MB	SOIL		16/11/2021	2-Fluorophenol	71	%	27.5	164	
	ES2141125	MB	SOIL		16/11/2021	2.4.6-Tribromophenol	64.4	%	46	132	
	ES2141125	MB	SOIL		16/11/2021	2-Fluorophenol	71	%	27.5	164	
	ES2141124	LAB_D	SOIL		2/11/2021	2.4.6-Tribromophenol	72.8	%	40	138	
	ES2141124	LAB_D	SOIL		2/11/2021	2-Fluorophenol	70.9	%	29.4	149	
	ES2141124	LAB_D	SOIL		2/11/2021	DEF	129	%	35	143	
	ES2141125	LAB_D	SOIL		2/11/2021	2.4.6-Tribromophenol	72.8	%	40	138	
	ES2141125	LAB_D	SOIL		2/11/2021	2-Fluorophenol	70.9	%	29.4	149	
	ES2141125	LAB_D	SOIL		2/11/2021	DEF	129	%	35	143	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.1	17/12/2021	Phenol-d6 (surr.)	60	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	50	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.1	17/12/2021	13C2-8:2 FTSA (surr.)	67	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	Triphenylphosphate (surr.)	69	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	44	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	13C5-PFNA (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	57	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	Dibutylchlorendate (surr.)	58	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	2-Fluorobiphenyl (surr.)	74	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	68	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	D5-N-EtFOSA (surr.)	128	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP225_0.4	17/12/2021	D9-N-EtFOSE (surr.)	130	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.1	17/12/2021	Phenol-d6 (surr.)	61	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	136	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.1	17/12/2021	13C2-PFUnDA (surr.)	74	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.1	17/12/2021	13C2-PFTeDA (surr.)	74	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.1	17/12/2021	13C5-PFNA (surr.)	74	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.4	17/12/2021	Phenol-d6 (surr.)	71	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP216_0.4	17/12/2021	13C2-PFUnDA (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	74	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	138	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	13C2-PFUnDA (surr.)	69	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	13C2-PFTeDA (surr.)	70	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	13C4-PFHpA (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	13C8-FOSA (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	D5-N-EtFOSAA (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	Nitrobenzene-d5 (surr.)	128	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	D3-N-MeFOSAA (surr.)	74	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.1	17/12/2021	D3-N-MeFOSA (surr.)	72	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.4	17/12/2021	Triphenylphosphate (surr.)	74	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	73	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.4	17/12/2021	Dibutylchlorendate (surr.)	61	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP197_0.4	17/12/2021	D5-N-EtFOSA (surr.)	134	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.1	17/12/2021	Phenol-d6 (surr.)	65	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	105	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	170	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	132	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.1	17/12/2021	13C2-PFTeDA (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	Phenol-d6 (surr.)	69	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	13C2-4:2 FTSA (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	52	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	13C5-PFNA (surr.)	69	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	D5-N-EtFOSA (surr.)	127	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP179_0.4	17/12/2021	D7-N-MeFOSE (surr.)	139	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.1	17/12/2021	Phenol-d6 (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.1	17/12/2021	Nitrobenzene-d5 (surr.)	128	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	Phenol-d6 (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	13C2-4:2 FTSA (surr.)	132	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	2-Fluorobiphenyl (surr.)	67	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	D5-N-EtFOSA (surr.)	127	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	D7-N-MeFOSE (surr.)	135	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP184_0.4	17/12/2021	D9-N-EtFOSE (surr.)	132	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.1	17/12/2021	Phenol-d6 (surr.)	52	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	132	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.1	17/12/2021	D7-N-MeFOSE (surr.)	128	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.1	17/12/2021	D9-N-EtFOSE (surr.)	127	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.4	17/12/2021	Phenol-d6 (surr.)	67	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.4	17/12/2021	13C2-4:2 FTSA (surr.)	131	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP178_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	47	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.1	17/12/2021	Phenol-d6 (surr.)	56	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	131	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	56	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.1	17/12/2021	13C6-PFDA (surr.)	131	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.4	17/12/2021	Phenol-d6 (surr.)	56	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	39	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP177_0.4	17/12/2021	D9-N-EtFOSE (surr.)	139	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	148	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.1	17/12/2021	13C6-PFDA (surr.)	126	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.1	17/12/2021	2-Fluorobiphenyl (surr.)	135	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.1	17/12/2021	D9-N-EtFOSE (surr.)	142	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	36	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	13C6-PFDA (surr.)	129	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	147	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	Toluene-d8 (surr.)	67	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	2-Fluorobiphenyl (surr.)	62	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	D5-N-EtFOSAA (surr.)	65	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	Nitrobenzene-d5 (surr.)	56	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	4-Bromofluorobenzene (surr.)	67	%	50	150	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	127	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	D5-N-EtFOSA (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP173_0.4	17/12/2021	D7-N-MeFOSE (surr.)	128	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	140	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.1	17/12/2021	D7-N-MeFOSE (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	62	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	135	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.4	17/12/2021	D7-N-MeFOSE (surr.)	139	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP66_0.4	17/12/2021	D9-N-EtFOSE (surr.)	129	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	106	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.1	17/12/2021	13C6-PFDA (surr.)	136	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	130	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.1	17/12/2021	D5-N-EtFOSA (surr.)	133	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.1	17/12/2021	D7-N-MeFOSE (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.4	17/12/2021	13C6-PFDA (surr.)	130	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP42_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	133	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	59	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	52	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	138	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.1	17/12/2021	D3-N-MeFOSA (surr.)	132	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	142	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	2-Fluorobiphenyl (surr.)	126	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	Nitrobenzene-d5 (surr.)	127	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	132	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	D7-N-MeFOSE (surr.)	138	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP32_0.4	17/12/2021	D9-N-EtFOSE (surr.)	130	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	13C2-10:2 FTSA (surr.)	105	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	13C2-4:2 FTSA (surr.)	155	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	13C2-6:2 FTSA (surr.)	65	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	13C2-8:2 FTSA (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	13C6-PFDA (surr.)	153	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	p-Terphenyl-d14 (surr.)	139	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	2-Fluorobiphenyl (surr.)	131	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	D5-N-EtFOSA (surr.)	137	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	D7-N-MeFOSE (surr.)	152	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP18_0.2	17/12/2021	D9-N-EtFOSE (surr.)	167	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	145	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	70	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	13C2-PFTeDA (surr.)	51	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	13C5-PFNA (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	13C8-FOSA (surr.)	55	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	140	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	Toluene-d8 (surr.)	66	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	2-Fluorobiphenyl (surr.)	130	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	D5-N-EtFOSAA (surr.)	69	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	D3-N-MeFOSA (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.1	17/12/2021	D7-N-MeFOSE (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	13C2-6:2 FTSA (surr.)	61	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	13C2-8:2 FTSA (surr.)	67	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	p-Terphenyl-d14 (surr.)	136	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	Tetrachloro-m-xylene (surr.)	130	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP25_0.3	17/12/2021	D7-N-MeFOSE (surr.)	127	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	58	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.1	17/12/2021	13C5-PFNA (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	141	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.1	17/12/2021	D5-N-EtFOSA (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	44	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	139	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP23_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	129	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	Phenol-d6 (surr.)	74	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	76	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	13C2-8:2 FTSA (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	13C2-PFUnDA (surr.)	65	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	13C2-PFTeDA (surr.)	70	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	13C5-PFNA (surr.)	62	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	13C8-FOSA (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	132	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	13C2-6:2 FTSA (surr.)	50	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	p-Terphenyl-d14 (surr.)	141	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	Tetrachloro-m-xylene (surr.)	132	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	D5-N-EtFOSA (surr.)	129	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	D7-N-MeFOSE (surr.)	139	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP16_0.3	17/12/2021	D9-N-EtFOSE (surr.)	131	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	129	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	127	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0.1	17/12/2021	D5-N-EtFOSA (surr.)	134	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	2.4.6-Tribromophenol (surr.)	53	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	Phenol-d6 (surr.)	64	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	13C2-6:2 FTSA (surr.)	49	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	13C6-PFDA (surr.)	130	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	Dibutylchlorendate (surr.)	72	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	D5-N-EtFOSA (surr.)	134	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	D7-N-MeFOSE (surr.)	128	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP06_0	17/12/2021	D9-N-EtFOSE (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	150	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	13C6-PFDA (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	149	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	Toluene-d8 (surr.)	69	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	2-Fluorobiphenyl (surr.)	140	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	Nitrobenzene-d5 (surr.)	136	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.1	17/12/2021	D9-N-EtFOSE (surr.)	127	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	13C2-4:2 FTSA (surr.)	142	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	13C6-PFDA (surr.)	131	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	2-Fluorobiphenyl (surr.)	140	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	Nitrobenzene-d5 (surr.)	137	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	149	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP09_0.4	17/12/2021	D5-N-EtFOSA (surr.)	140	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	144	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	52	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.1	17/12/2021	13C6-PFDA (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.1	17/12/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.4	17/12/2021	13C2-6:2 FTSA (surr.)	64	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.4	17/12/2021	2-Fluorobiphenyl (surr.)	148	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.4	17/12/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP14_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	143	%	70	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
20 Dec 2021	852528	Normal	SOIL	AI_TP24_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP24_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP24_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	74	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP24_0.1	17/12/2021	Nitrobenzene-d5 (surr.)	143	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP24_0.3	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP24_0.3	17/12/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP24_0.3	17/12/2021	13C2-6:2 FTSA (surr.)	59	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	151	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	59	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.1	17/12/2021	13C2-PFTeDA (surr.)	71	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.1	17/12/2021	Nitrobenzene-d5 (surr.)	130	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	Triphenylphosphate (surr.)	149	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	13C2-10:2 FTSA (surr.)	102	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	13C2-4:2 FTSA (surr.)	142	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	13C6-PFDA (surr.)	128	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	p-Terphenyl-d14 (surr.)	132	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	Nitrobenzene-d5 (surr.)	126	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP19_0.3	17/12/2021	Tetrachloro-m-xylene (surr.)	130	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.1	17/12/2021	13C6-PFDA (surr.)	131	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.1	17/12/2021	Nitrobenzene-d5 (surr.)	127	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.3	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.3	17/12/2021	Phenol-d6 (surr.)	70	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.3	17/12/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.3	17/12/2021	13C2-8:2 FTSA (surr.)	128	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP45_0.3	17/12/2021	13C2-PFUnDA (surr.)	72	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.1	17/12/2021	Phenol-d6 (surr.)	58	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	133	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.1	17/12/2021	13C2-PFUnDA (surr.)	72	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.1	17/12/2021	D7-N-MeFOSE (surr.)	135	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	Phenol-d6 (surr.)	61	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	80	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	13C2-PFDoDA (surr.)	67	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	13C2-PFUnDA (surr.)	54	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	13C4-PFHpA (surr.)	70	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	13C5-PFHxA (surr.)	69	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	13C5-PFNA (surr.)	71	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	13C5-PFPeA (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	130	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	18O2-PFHxS (surr.)	73	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	D5-N-EtFOSAA (surr.)	59	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	131	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	D3-N-MeFOSAA (surr.)	58	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP67_0.4	17/12/2021	D3-N-MeFOSA (surr.)	68	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.1	17/12/2021	Phenol-d6 (surr.)	70	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.1	17/12/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.1	17/12/2021	13C2-8:2 FTSA (surr.)	126	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.1	17/12/2021	13C2-PFUnDA (surr.)	72	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	Phenol-d6 (surr.)	63	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	132	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	Dibutylchlorendate (surr.)	135	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	D5-N-EtFOSAA (surr.)	71	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	145	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	D3-N-MeFOSAA (surr.)	69	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP20_0.4	17/12/2021	D9-N-EtFOSE (surr.)	143	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.1	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.1	17/12/2021	Phenol-d6 (surr.)	67	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.1	17/12/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.1	17/12/2021	13C2-6:2 FTSA (surr.)	57	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	Phenol-d6 (surr.)	66	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	13C2-10:2 FTSA (surr.)	98	%	0	0	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	p-Terphenyl-d14 (surr.)	128	%	30	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	Nitrobenzene-d5 (surr.)	137	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	Tetrachloro-m-xylene (surr.)	136	%	70	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	D7-N-MeFOSE (surr.)	129	%	20	130	
20 Dec 2021	852528	Normal	SOIL	AI_TP36_0.4	17/12/2021	D9-N-EtFOSE (surr.)	139	%	20	130	
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D01	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D01	17/12/2021	Phenol-d6 (surr.)	62	%	20	130	
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D02	17/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D02	17/12/2021	Phenol-d6 (surr.)	63	%	20	130	
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D02	17/12/2021	13C2-10:2 FTSA (surr.)	78	%	0	0	
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D02	17/12/2021	13C2-4:2 FTSA (surr.)	130	%	20	130	
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D02	17/12/2021	13C2-6:2 FTSA (surr.)	52	%	20	130	
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D02	17/12/2021	13C2-PFUnDA (surr.)	73	%	20	130	
20 Dec 2021	852528	Field_D	SOIL	AI_20212117_D02	17/12/2021	D3-N-MeFOSAA (surr.)	63	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	121	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.1	20/12/2021	13C2-4:2 FTSA (surr.)	126	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.1	20/12/2021	13C2-6:2 FTSA (surr.)	144	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	145	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	Triphenylphosphate (surr.)	144	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	130	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	13C2-4:2 FTSA (surr.)	138	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	Toluene-d8 (surr.)	70	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	D5-N-EtFOSAA (surr.)	49	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	4-Bromofluorobenzene (surr.)	63	%	50	150	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	D3-N-MeFOSAA (surr.)	45	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP27_0.4	20/12/2021	D5-N-EtFOSA (surr.)	131	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	136	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	147	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.5	20/12/2021	Triphenylphosphate (surr.)	145	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.5	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.5	20/12/2021	13C2-10:2 FTSA (surr.)	151	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.5	20/12/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP28_0.5	20/12/2021	Nitrobenzene-d5 (surr.)	143	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	148	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.1	20/12/2021	13C2-4:2 FTSA (surr.)	130	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.1	20/12/2021	p-Terphenyl-d14 (surr.)	132	%	30	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.1	20/12/2021	Toluene-d8 (surr.)	127	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	132	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.5	20/12/2021	Triphenylphosphate (surr.)	131	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.5	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.5	20/12/2021	13C2-10:2 FTSA (surr.)	146	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.5	20/12/2021	13C2-PFUnDA (surr.)	132	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.5	20/12/2021	2-Fluorobiphenyl (surr.)	54	%	30	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP60_0.5	20/12/2021	D5-N-EtFOSA (surr.)	137	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	137	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	13C2-6:2 FTSA (surr.)	139	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	p-Terphenyl-d14 (surr.)	130	%	30	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	Toluene-d8 (surr.)	60	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	132	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	4-Bromofluorobenzene (surr.)	57	%	50	150	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.1	20/12/2021	D7-N-MeFOSE (surr.)	129	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.4	20/12/2021	Triphenylphosphate (surr.)	138	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	129	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.4	20/12/2021	13C2-4:2 FTSA (surr.)	61	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.4	20/12/2021	2-Fluorobiphenyl (surr.)	57	%	30	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.4	20/12/2021	D5-N-EtFOSA (surr.)	132	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP59_0.4	20/12/2021	D7-N-MeFOSE (surr.)	133	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.1	20/12/2021	Phenol-d6 (surr.)	70	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	132	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.1	20/12/2021	13C2-6:2 FTSA (surr.)	128	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.1	20/12/2021	p-Terphenyl-d14 (surr.)	127	%	30	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP58_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	136	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	144	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.1	20/12/2021	13C2-6:2 FTSA (surr.)	137	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.1	20/12/2021	13C2-8:2 FTSA (surr.)	127	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.1	20/12/2021	13C6-PFDA (surr.)	129	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	136	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.1	20/12/2021	D5-N-EtFOSA (surr.)	133	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	Triphenylphosphate (surr.)	127	%	70	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	161	%	0	0	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C2-PFUnDA (surr.)	143	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C4-PFBA (surr.)	129	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C4-PFHpA (surr.)	126	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C5-PFNA (surr.)	127	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C5-PFPeA (surr.)	135	%	20	130	
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C6-PFDA (surr.)	134	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments				
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C8-PFOA (surr.)	133	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	13C8-PFOS (surr.)	135	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	Toluene-d8 (surr.)	73	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	Nitrobenzene-d5 (surr.)	135	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	4-Bromofluorobenzene (surr.)	67	%	50	150					
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	D5-N-EtFOSA (surr.)	165	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	D7-N-MeFOSE (surr.)	147	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP46_0.4	20/12/2021	D9-N-EtFOSE (surr.)	131	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	Phenol-d6 (surr.)	71	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	138	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	13C2-4:2 FTSA (surr.)	182	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	13C2-6:2 FTSA (surr.)	176	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	13C4-PFHpA (surr.)	140	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	13C5-PFHxA (surr.)	127	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	13C5-PFNA (surr.)	131	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	13C6-PFDA (surr.)	146	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	137	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.1	20/12/2021	D5-N-EtFOSA (surr.)	127	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	Triphenylphosphate (surr.)	127	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	Phenol-d6 (surr.)	67	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	168	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	13C2-PFUnDA (surr.)	132	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	13C6-PFDA (surr.)	128	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	2-Fluorobiphenyl (surr.)	63	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	D5-N-EtFOSAA (surr.)	71	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	Nitrobenzene-d5 (surr.)	74	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP47_0.4	20/12/2021	D3-N-MeFOSAA (surr.)	74	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	124	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.1	20/12/2021	p-Terphenyl-d14 (surr.)	135	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.1	20/12/2021	Nitrobenzene-d5 (surr.)	150	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	Triphenylphosphate (surr.)	147	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	151	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	13C2-PFUnDA (surr.)	140	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	13C5-PFHxA (surr.)	134	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	13C5-PFNA (surr.)	132	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	13C6-PFDA (surr.)	136	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	13C8-PFOS (surr.)	129	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	Nitrobenzene-d5 (surr.)	144	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	D5-N-EtFOSA (surr.)	126	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	D7-N-MeFOSE (surr.)	149	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP37_0.4	20/12/2021	D9-N-EtFOSE (surr.)	133	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	152	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	13C2-PFUnDA (surr.)	133	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	13C5-PFHxA (surr.)	127	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	p-Terphenyl-d14 (surr.)	148	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	2-Fluorobiphenyl (surr.)	64	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	D5-N-EtFOSA (surr.)	146	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.1	20/12/2021	D7-N-MeFOSE (surr.)	146	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	111	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	13C2-4:2 FTSA (surr.)	61	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	13C2-6:2 FTSA (surr.)	71	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	13C3-PFBS (surr.)	73	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	p-Terphenyl-d14 (surr.)	128	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	Dibutylchlorendate (surr.)	131	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	2-Fluorobiphenyl (surr.)	54	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	D5-N-EtFOSAA (surr.)	64	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP48_0.4	20/12/2021	D3-N-MeFOSAA (surr.)	69	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	110	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.1	20/12/2021	13C2-4:2 FTSA (surr.)	134	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.1	20/12/2021	13C2-PFTeDA (surr.)	63	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	Triphenylphosphate (surr.)	126	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	143	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	13C2-4:2 FTSA (surr.)	62	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	13C2-6:2 FTSA (surr.)	69	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	13C2-8:2 FTSA (surr.)	70	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	13C2-PFUnDA (surr.)	128	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	p-Terphenyl-d14 (surr.)	133	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	Toluene-d8 (surr.)	74	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	4-Bromofluorobenzene (surr.)	66	%	50	150					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	D5-N-EtFOSA (surr.)	140	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP61_0.4	20/12/2021	D7-N-MeFOSE (surr.)	129	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	132	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.1	20/12/2021	D7-N-MeFOSE (surr.)	128	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.4	20/12/2021	Triphenylphosphate (surr.)	126	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	129	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.4	20/12/2021	p-Terphenyl-d14 (surr.)	143	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP62_0.4	20/12/2021	D5-N-EtFOSAA (surr.)	74	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	159	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	13C2-8:2 FTSA (surr.)	140	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	13C2-PFUnDA (surr.)	127	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	13C6-PFDA (surr.)	127	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	4-Bromofluorobenzene (surr.)	67	%	50	150					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	D5-N-EtFOSA (surr.)	152	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	D7-N-MeFOSE (surr.)	141	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.1	20/12/2021	D9-N-EtFOSE (surr.)	137	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	133	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.4	20/12/2021	p-Terphenyl-d14 (surr.)	130	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.4	20/12/2021	Nitrobenzene-d5 (surr.)	68	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.4	20/12/2021	D5-N-EtFOSA (surr.)	136	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP71_0.4	20/12/2021	D7-N-MeFOSE (surr.)	137	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	150	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.1	20/12/2021	D5-N-EtFOSA (surr.)	135	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.1	20/12/2021	D7-N-MeFOSE (surr.)	145	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.4	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.4	20/12/2021	Phenol-d6 (surr.)	73	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.4	20/12/2021	13C2-10:2 FTSA (surr.)	131	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.4	20/12/2021	13C2-4:2 FTSA (surr.)	50	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.4	20/12/2021	13C2-6:2 FTSA (surr.)	57	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.4	20/12/2021	D5-N-EtFOSAA (surr.)	73	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP105_0.4	20/12/2021	D5-N-EtFOSA (surr.)	135	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.1	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.1	20/12/2021	13C2-10:2 FTSA (surr.)	122	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.1	20/12/2021	13C2-8:2 FTSA (surr.)	127	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.1	20/12/2021	13C3-PFBS (surr.)	73	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	Triphenylphosphate (surr.)	137	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	13C2-10:2 FTSA (surr.)	131	%	0	0					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	p-Terphenyl-d14 (surr.)	126	%	30	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	Nitrobenzene-d5 (surr.)	144	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	Tetrachloro-m-xylene (surr.)	131	%	70	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	D5-N-EtFOSA (surr.)	139	%	20	130					
21 Dec 2021	852729	Normal	SOIL	AI_TP108_0.5	20/12/2021	D7-N-MeFOSE (surr.)	130	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	Triphenylphosphate (surr.)	146	%	70	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	13C2-10:2 FTSA (surr.)	129	%	0	0					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	13C2-4:2 FTSA (surr.)	152	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	13C2-6:2 FTSA (surr.)	154	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	13C2-8:2 FTSA (surr.)	128	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	13C4-PFHpA (surr.)	130	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	13C6-PFDA (surr.)	128	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	Dibutylchlorendate (surr.)	127	%	70	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	Nitrobenzene-d5 (surr.)	131	%	70	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D01	20/12/2021	D3-N-MeFOSA (surr.)	71	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D02	20/12/2021	13C2-10:2 FTSA (surr.)	135	%	0	0					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D02	20/12/2021	D5-N-EtFOSA (surr.)	127	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D03	20/12/2021	Triphenylphosphate (surr.)	129	%	70	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D03	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D03	20/12/2021	13C2-10:2 FTSA (surr.)	136	%	0	0					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D03	20/12/2021	13C2-4:2 FTSA (surr.)	167	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D03	20/12/2021	13C2-6:2 FTSA (surr.)	158	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_D03	20/12/2021	13C5-PFNA (surr.)	129	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T03	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T03	20/12/2021	Phenol-d6 (surr.)	73	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T03	20/12/2021	13C2-10:2 FTSA (surr.)	118	%	0	0					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T03	20/12/2021	13C2-8:2 FTSA (surr.)	40	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T03	20/12/2021	D5-N-EtFOSAA (surr.)	74	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T02	20/12/2021	13C2-10:2 FTSA (surr.)	121	%	0	0					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT				
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT				
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	13C2-10:2 FTSA (surr.)	116	%	0	0					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	13C2-4:2 FTSA (surr.)	176	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	13C2-PFTeDA (surr.)	70	%	20	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	p-Terphenyl-d14 (surr.)	144	%	30	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	Dibutylchlorendate (surr.)	132	%	70	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	2-Fluorobiphenyl (surr.)	126	%	30	130					
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT				

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
21 Dec 2021	852729	Field_D	SOIL	AI_20211220_T01	20/12/2021	Tetrachloro-m-xylene (surr.)	136	%	70	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.1	21/12/2021	Phenol-d6 (surr.)	70	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.1	21/12/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.1	21/12/2021	13C2-PFUnDA (surr.)	65	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.1	21/12/2021	13C5-PFPeA (surr.)	69	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.1	21/12/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.1	21/12/2021	D3-N-MeFOSA (surr.)	74	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.4	21/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.4	21/12/2021	13C2-10:2 FTSA (surr.)	107	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.4	21/12/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.4	21/12/2021	13C2-8:2 FTSA (surr.)	142	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.4	21/12/2021	D5-N-EtFOSA (surr.)	127	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.4	21/12/2021	D7-N-MeFOSE (surr.)	132	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP76_0.4	21/12/2021	D9-N-EtFOSE (surr.)	151	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.1	21/12/2021	2.4.6-Tribromophenol (surr.)	59	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.1	21/12/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.1	21/12/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.1	21/12/2021	13C2-6:2 FTSA (surr.)	62	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.1	21/12/2021	13C2-PFUnDA (surr.)	68	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.1	21/12/2021	D3-N-MeFOSA (surr.)	71	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.4	21/12/2021	2.4.6-Tribromophenol (surr.)	64	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.4	21/12/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP75_0.4	21/12/2021	13C2-4:2 FTSA (surr.)	145	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	2.4.6-Tribromophenol (surr.)	75	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	13C2-4:2 FTSA (surr.)	164	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	13C2-8:2 FTSA (surr.)	142	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	13C2-PFUnDA (surr.)	72	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	Toluene-d8 (surr.)	67	%	70	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	4-Bromofluorobenzene (surr.)	65	%	50	150	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.1	21/12/2021	D3-N-MeFOSA (surr.)	66	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.4	21/12/2021	2.4.6-Tribromophenol (surr.)	74	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.4	21/12/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.4	21/12/2021	13C2-4:2 FTSA (surr.)	136	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.4	21/12/2021	13C2-8:2 FTSA (surr.)	133	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP86_0.4	21/12/2021	D3-N-MeFOSA (surr.)	71	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP79_0.4	21/12/2021	2.4.6-Tribromophenol (surr.)	57	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP79_0.4	21/12/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP79_0.4	21/12/2021	13C2-PFUnDA (surr.)	64	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP79_0.4	21/12/2021	13C5-PFPeA (surr.)	69	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	13C2-PFDoDA (surr.)	70	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	13C2-PFUnDA (surr.)	62	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	13C2-PFTeDA (surr.)	60	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	13C5-PFPeA (surr.)	70	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	13C8-PFOA (surr.)	73	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	D5-N-EtFOSAA (surr.)	66	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	D3-N-MeFOSAA (surr.)	70	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP80_0.4	21/12/2021	D3-N-MeFOSA (surr.)	56	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	2.4.6-Tribromophenol (surr.)	65	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C2-10:2 FTSA (surr.)	83	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C2-6:2 FTSA (surr.)	60	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C2-8:2 FTSA (surr.)	74	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C2-PFDoDA (surr.)	71	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C2-PFUnDA (surr.)	64	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C4-PFHpA (surr.)	69	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C5-PFPeA (surr.)	62	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C6-PFDA (surr.)	73	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	13C8-PFOA (surr.)	68	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.4	21/12/2021	D5-N-EtFOSAA (surr.)	70	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	2.4.6-Tribromophenol (surr.)	60	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	13C2-10:2 FTSA (surr.)	77	%	0	0	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	13C2-6:2 FTSA (surr.)	69	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	13C2-8:2 FTSA (surr.)	68	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	13C2-PFUnDA (surr.)	65	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	13C2-PFTeDA (surr.)	58	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	13C4-PFHpA (surr.)	73	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	13C5-PFNA (surr.)	62	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	Toluene-d8 (surr.)	57	%	70	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	4-Bromofluorobenzene (surr.)	56	%	50	150	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	D3-N-MeFOSA (surr.)	69	%	20	130	
22 Dec 2021	853214	Normal	SOIL	AI_TP81_0.1	21/12/2021	D7-N-MeFOSE (surr.)	71	%	20	130	
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	13C2-4:2 FTSA (surr.)	151	%	20	130	
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	13C2-6:2 FTSA (surr.)	155	%	20	130	
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	13C2-8:2 FTSA (surr.)	128	%	20	130	
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	13C2-PFUnDA (surr.)	70	%	20	130	
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	Dibutylchlorendate (surr.)	128	%	70	130	
22 Dec 2021	853214	Field_D	SOIL	AI_20211221_D01	21/12/2021	D3-N-MeFOSA (surr.)	71	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	118	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	137	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.1	29/10/2021	13C3-PFBS (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.1	29/10/2021	Dibutylchlorendate (surr.)	53	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.1	29/10/2021	Toluene-d8 (surr.)	138	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	77	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	135	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	165	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	13C3-PFBS (surr.)	143	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	13C5-PFPeA (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	Dibutylchlorendate (surr.)	57	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP277_0.3	29/10/2021	D3-N-MeFOSA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	53	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	131	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	147	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.1	29/10/2021	13C3-PFBS (surr.)	141	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.1	29/10/2021	13C5-PFPeA (surr.)	133	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.1	29/10/2021	Dibutylchlorendate (surr.)	57	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.1	29/10/2021	D3-N-MeFOSA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	132	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	13C2-6:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	13C3-PFBS (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	13C5-PFPeA (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	Dibutylchlorendate (surr.)	62	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP278_0.3	29/10/2021	D3-N-MeFOSA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	124	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.1	29/10/2021	13C3-PFBS (surr.)	148	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.1	29/10/2021	13C5-PFPeA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.1	29/10/2021	Dibutylchlorendate (surr.)	60	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.1	29/10/2021	D3-N-MeFOSA (surr.)	133	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	112	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	170	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.3	29/10/2021	13C3-PFBS (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.3	29/10/2021	13C6-PFDA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.3	29/10/2021	Dibutylchlorendate (surr.)	63	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP279_0.3	29/10/2021	D3-N-MeFOSA (surr.)	139	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	63	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	126	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	-999	%	20	130	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	13C2-6:2 FTSA (surr.)	137	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	13C3-PFBS (surr.)	141	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	13C6-PFDA (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	Dibutylchlorendate (surr.)	71	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.1	29/10/2021	D3-N-MeFOSA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	138	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	149	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	13C2-6:2 FTSA (surr.)	134	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	13C3-PFBS (surr.)	138	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	Dibutylchlorendate (surr.)	70	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	Toluene-d8 (surr.)	69	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP280_0.3	29/10/2021	D3-N-MeFOSA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	69	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	132	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	161	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.1	29/10/2021	13C2-6:2 FTSA (surr.)	145	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.1	29/10/2021	13C3-PFBS (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.1	29/10/2021	13C5-PFPeA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.1	29/10/2021	Dibutylchlorendate (surr.)	70	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	71	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	143	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	137	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	13C2-6:2 FTSA (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	13C2-8:2 FTSA (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	13C3-PFBS (surr.)	144	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	13C4-PFBA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	Dibutylchlorendate (surr.)	68	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP281_0.3	29/10/2021	D3-N-MeFOSA (surr.)	133	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	58	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	124	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	163	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.1	29/10/2021	13C3-PFBS (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.1	29/10/2021	Nitrobenzene-d5 (surr.)	127	%	70	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	133	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	163	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.3	29/10/2021	13C2-6:2 FTSA (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.3	29/10/2021	13C3-PFBS (surr.)	137	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.3	29/10/2021	13C5-PFPeA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP266_0.3	29/10/2021	13C6-PFDA (surr.)	134	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	123	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.1	29/10/2021	13C3-PFBS (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.1	29/10/2021	Toluene-d8 (surr.)	58	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.1	29/10/2021	Nitrobenzene-d5 (surr.)	130	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.1	29/10/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.3	29/10/2021	Triphenylphosphate (surr.)	72	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	130	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	159	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.3	29/10/2021	13C5-PFPeA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.3	29/10/2021	Dibutylchlorendate (surr.)	59	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP267_0.3	29/10/2021	Toluene-d8 (surr.)	61	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	53	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	121	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	197	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.1	29/10/2021	13C2-6:2 FTSA (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.1	29/10/2021	13C2-8:2 FTSA (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.1	29/10/2021	13C3-PFBS (surr.)	138	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.1	29/10/2021	13C6-PFDA (surr.)	134	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	127	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	152	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.3	29/10/2021	Toluene-d8 (surr.)	69	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP268_0.3	29/10/2021	D3-N-MeFOSA (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	137	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	162	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	13C2-8:2 FTSA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	13C3-PFBS (surr.)	145	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	13C5-PFPeA (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	13C6-PFDA (surr.)	134	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	Toluene-d8 (surr.)	66	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.1	29/10/2021	D3-N-MeFOSAA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	133	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	159	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	13C2-6:2 FTSA (surr.)	165	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	13C3-PFBS (surr.)	139	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	13C5-PFPeA (surr.)	138	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	13C6-PFDA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	Toluene-d8 (surr.)	73	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
05 Nov 2021	838532	Normal	SOIL	AI_TP269_0.3	29/10/2021	D3-N-MeFOSA (surr.)	147	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	138	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	145	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	13C2-6:2 FTSA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	13C3-PFBS (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	13C5-PFPeA (surr.)	138	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	13C6-PFDA (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	Toluene-d8 (surr.)	67	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.1	29/10/2021	D3-N-MeFOSA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	134	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.3	29/10/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.3	29/10/2021	13C5-PFPeA (surr.)	137	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.3	29/10/2021	13C6-PFDA (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP270_0.3	29/10/2021	D3-N-MeFOSA (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	Phenol-d6 (surr.)	69	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	125	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C2-8:2 FTSA (surr.)	153	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C2-PFTeDA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C3-PFBS (surr.)	134	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C5-PFPeA (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C6-PFDA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	13C8-PFOS (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	Toluene-d8 (surr.)	71	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.1	29/10/2021	D3-N-MeFOSAA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	Phenol-d6 (surr.)	59	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	133	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	154	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C2-8:2 FTSA (surr.)	173	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C2-PFDoDA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C2-PFUnDA (surr.)	135	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C2-PFTeDA (surr.)	145	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C3-PFBS (surr.)	139	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C4-PFHpA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C5-PFHxA (surr.)	133	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C5-PFNA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C5-PFPeA (surr.)	147	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C8-PFOA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	13C8-PFOS (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	18O2-PFHxS (surr.)	135	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	Toluene-d8 (surr.)	61	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	2-Fluorobiphenyl (surr.)	127	%	30	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	Nitrobenzene-d5 (surr.)	132	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP271_0.3	29/10/2021	D3-N-MeFOSAA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	Phenol-d6 (surr.)	68	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	154	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C2-6:2 FTSA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C2-8:2 FTSA (surr.)	164	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C2-PFDoDA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C2-PFTeDA (surr.)	141	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C3-PFBS (surr.)	137	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C5-PFHxA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C5-PFNA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C5-PFPeA (surr.)	141	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C8-PFOA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	13C8-PFOS (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	18O2-PFHxS (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	D5-N-EtFOSAA (surr.)	135	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	D3-N-MeFOSAA (surr.)	142	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.1	29/10/2021	D5-N-EtFOSA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	125	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C2-8:2 FTSA (surr.)	147	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C2-PFDoDA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C2-PFUnDA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C2-PFTeDA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C3-PFBS (surr.)	134	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C4-PFHpA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C5-PFHxA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C5-PFPeA (surr.)	140	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C6-PFDA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C8-PFOA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	13C8-PFOS (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP272_0.3	29/10/2021	D5-N-EtFOSA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	67	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	133	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	13C2-8:2 FTSA (surr.)	148	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	13C2-PFUnDA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	13C3-PFBS (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	13C5-PFPeA (surr.)	135	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	13C8-PFOA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	18O2-PFHxS (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.1	29/10/2021	Tetrachloro-m-xylene (surr.)	134	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	Phenol-d6 (surr.)	66	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	126	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	13C2-8:2 FTSA (surr.)	146	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	13C2-PFUnDA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	13C3-PFBS (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	13C5-PFPeA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	13C8-PFOS (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	Dibutylchlorendate (surr.)	67	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP265_0.3	29/10/2021	4-Bromofluorobenzene (surr.)	135	%	50	150	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	142	%	0	0	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	142	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C2-6:2 FTSA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C2-8:2 FTSA (surr.)	163	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C2-PFDoDA (surr.)	139	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C2-PFUnDA (surr.)	133	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C2-PFTeDA (surr.)	138	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C3-PFBS (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C4-PFHpA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C5-PFHxA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C5-PFNA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C5-PFPeA (surr.)	145	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C8-PFOA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	13C8-PFOS (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	18O2-PFHxS (surr.)	133	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	Toluene-d8 (surr.)	73	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	D5-N-EtFOSAA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.1	29/10/2021	D3-N-MeFOSAA (surr.)	134	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	131	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C2-8:2 FTSA (surr.)	150	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C2-PFUnDA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C3-PFBS (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C4-PFHpA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C5-PFHxA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C5-PFNA (surr.)	132	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C5-PFPeA (surr.)	144	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C6-PFDA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C8-PFOA (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	13C8-PFOS (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP264_0.3	29/10/2021	Dibutylchlorendate (surr.)	74	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.1	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.1	29/10/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.1	29/10/2021	13C2-10:2 FTSA (surr.)	141	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.1	29/10/2021	13C2-4:2 FTSA (surr.)	172	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.1	29/10/2021	13C3-PFBS (surr.)	146	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.1	29/10/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	Phenol-d6 (surr.)	51	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C2-10:2 FTSA (surr.)	129	%	0	0	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C2-4:2 FTSA (surr.)	133	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C2-8:2 FTSA (surr.)	149	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C2-PFDoDA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C2-PFUnDA (surr.)	129	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C2-PFTeDA (surr.)	131	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C3-PFBS (surr.)	136	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C4-PFHpA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C5-PFHxA (surr.)	126	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C5-PFNA (surr.)	130	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C5-PFPeA (surr.)	146	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C6-PFDA (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	13C8-PFOS (surr.)	127	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	18O2-PFHxS (surr.)	128	%	20	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	Toluene-d8 (surr.)	63	%	70	130	
05 Nov 2021	838532	Normal	SOIL	AI_TP263_0.3	29/10/2021	Nitrobenzene-d5 (surr.)	126	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	70	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.1	1/11/2021	13C2-PFUnDA (surr.)	142	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.1	1/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	128	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	65	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.3	1/11/2021	13C2-PFUnDA (surr.)	145	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.3	1/11/2021	13C6-PFDA (surr.)	144	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.3	1/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	51	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP141_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	135	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	Phenol-d6 (surr.)	74	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	13C2-PFUnDA (surr.)	138	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	13C5-PFNA (surr.)	130	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	2-Fluorobiphenyl (surr.)	68	%	30	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	Nitrobenzene-d5 (surr.)	63	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	Tetrachloro-m-xylene (surr.)	72	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	130	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	54	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.3	1/11/2021	13C2-PFUnDA (surr.)	156	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.3	1/11/2021	13C6-PFDA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP137_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	64	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	56	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.1	1/11/2021	13C2-PFUnDA (surr.)	139	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.1	1/11/2021	13C6-PFDA (surr.)	139	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.1	1/11/2021	Tetrachloro-m-xylene (surr.)	74	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	Phenol-d6 (surr.)	74	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	13C2-4:2 FTSA (surr.)	74	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	13C2-PFUnDA (surr.)	137	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	13C6-PFDA (surr.)	150	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	Toluene-d8 (surr.)	67	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	2-Fluorobiphenyl (surr.)	73	%	30	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	Tetrachloro-m-xylene (surr.)	72	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP138_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	138	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.1	1/11/2021	13C2-PFUnDA (surr.)	147	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.1	1/11/2021	13C5-PFNA (surr.)	132	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.1	1/11/2021	13C6-PFDA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	54	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	Phenol-d6 (surr.)	72	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	13C2-PFUnDA (surr.)	146	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	Toluene-d8 (surr.)	66	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	2-Fluorobiphenyl (surr.)	62	%	30	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	60	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP139_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	63	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.1	1/11/2021	Phenol-d6 (surr.)	73	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.1	1/11/2021	13C2-PFUnDA (surr.)	130	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.1	1/11/2021	13C6-PFDA (surr.)	134	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.1	1/11/2021	Toluene-d8 (surr.)	62	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	53	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.3	1/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.3	1/11/2021	13C6-PFDA (surr.)	149	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.3	1/11/2021	2-Fluorobiphenyl (surr.)	74	%	30	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP140_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	145	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.1	1/11/2021	13C2-PFUnDA (surr.)	129	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.1	1/11/2021	13C6-PFDA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.1	1/11/2021	Toluene-d8 (surr.)	53	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	52	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	126	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	13C2-8:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	13C2-PFUnDA (surr.)	155	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	13C5-PFNA (surr.)	134	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	13C6-PFDA (surr.)	143	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	18O2-PFHxS (surr.)	128	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	Toluene-d8 (surr.)	62	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP136_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	57	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.1	1/11/2021	Phenol-d6 (surr.)	74	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.1	1/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.1	1/11/2021	13C6-PFDA (surr.)	127	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	Phenol-d6 (surr.)	72	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	13C6-PFDA (surr.)	132	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	18O2-PFHxS (surr.)	127	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	2-Fluorobiphenyl (surr.)	71	%	30	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	72	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP135_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.1	1/11/2021	13C2-PFUnDA (surr.)	137	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	71	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	127	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	Phenol-d6 (surr.)	65	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	13C2-6:2 FTSA (surr.)	69	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	Toluene-d8 (surr.)	56	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	69	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	71	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP134_0.3	1/11/2021	Tetrachloro-m-xylene (surr.)	69	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	Phenol-d6 (surr.)	65	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	13C2-PFTeDA (surr.)	67	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	13C5-PFNA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	13C6-PFDA (surr.)	140	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	55	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	Nitrobenzene-d5 (surr.)	71	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.1	1/11/2021	Tetrachloro-m-xylene (surr.)	74	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	Phenol-d6 (surr.)	70	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	13C2-PFUnDA (surr.)	146	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	13C6-PFDA (surr.)	145	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	Toluene-d8 (surr.)	63	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	69	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	<1	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP133_0.3	1/11/2021	Tetrachloro-m-xylene (surr.)	73	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	Phenol-d6 (surr.)	72	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	13C2-PFUnDA (surr.)	129	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	13C5-PFNA (surr.)	126	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	13C6-PFDA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	Toluene-d8 (surr.)	58	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	71	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.1	1/11/2021	Nitrobenzene-d5 (surr.)	70	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	56	%	0	0	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.3	1/11/2021	13C2-PFUnDA (surr.)	134	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.3	1/11/2021	13C6-PFDA (surr.)	134	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.3	1/11/2021	Toluene-d8 (surr.)	58	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	58	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	150	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP132_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	Phenol-d6 (surr.)	53	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	13C2-PFUnDA (surr.)	146	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	13C5-PFNA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	13C6-PFDA (surr.)	145	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	Nitrobenzene-d5 (surr.)	70	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	Tetrachloro-m-xylene (surr.)	71	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	135	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	Phenol-d6 (surr.)	63	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	13C2-8:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	13C2-PFDoDA (surr.)	126	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	13C2-PFUnDA (surr.)	142	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	13C5-PFNA (surr.)	128	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	13C6-PFDA (surr.)	138	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	18O2-PFHxS (surr.)	128	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	Toluene-d8 (surr.)	63	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	72	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP255_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	72	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.1	1/11/2021	Phenol-d6 (surr.)	57	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.1	1/11/2021	13C2-PFDoDA (surr.)	132	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.1	1/11/2021	13C2-PFUnDA (surr.)	129	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.1	1/11/2021	13C2-PFTeDA (surr.)	72	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.1	1/11/2021	13C6-PFDA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	Phenol-d6 (surr.)	60	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	13C5-PFNA (surr.)	126	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	13C6-PFDA (surr.)	153	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	18O2-PFHxS (surr.)	127	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	Toluene-d8 (surr.)	56	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	62	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP254_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	Phenol-d6 (surr.)	53	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	13C2-PFDoDA (surr.)	128	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	13C2-PFUnDA (surr.)	142	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	13C2-PFTeDA (surr.)	74	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	13C6-PFDA (surr.)	137	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	Dibutylchlorendate (surr.)	71	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	18O2-PFHxS (surr.)	127	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	Nitrobenzene-d5 (surr.)	65	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.1	1/11/2021	Tetrachloro-m-xylene (surr.)	68	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	Phenol-d6 (surr.)	53	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	13C2-PFUnDA (surr.)	132	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	13C5-PFNA (surr.)	129	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	13C6-PFDA (surr.)	130	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	Toluene-d8 (surr.)	67	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	69	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	67	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	Tetrachloro-m-xylene (surr.)	71	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP253_0.3	1/11/2021	D7-N-MeFOSE (surr.)	127	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	Phenol-d6 (surr.)	56	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	13C2-8:2 FTSA (surr.)	141	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	13C2-PFDoDA (surr.)	142	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	13C2-PFUnDA (surr.)	154	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	13C2-PFTeDA (surr.)	72	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	13C3-PFBS (surr.)	130	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	13C6-PFDA (surr.)	139	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.3	1/11/2021	Phenol-d6 (surr.)	60	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.3	1/11/2021	13C2-6:2 FTSA (surr.)	71	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.3	1/11/2021	13C2-PFDoDA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.3	1/11/2021	13C2-PFUnDA (surr.)	126	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.3	1/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP252_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	57	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	13C2-PFDoDA (surr.)	133	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	13C2-PFTeDA (surr.)	69	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	Toluene-d8 (surr.)	51	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	2-Fluorobiphenyl (surr.)	70	%	30	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	Nitrobenzene-d5 (surr.)	59	%	70	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	65	%	50	150	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.3	1/11/2021	Phenol-d6 (surr.)	57	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.3	1/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.3	1/11/2021	13C2-PFUnDA (surr.)	145	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.3	1/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	70	%	20	130	
05 Nov 2021	838533	Normal	SOIL	AI_TP244_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	74	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	13C2-PFUnDA (surr.)	137	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	13C2-PFTeDA (surr.)	72	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	13C5-PFNA (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	13C6-PFDA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	Dibutylchlorendate (surr.)	62	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	Toluene-d8 (surr.)	73	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	137	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	98	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	13C2-PFDoDA (surr.)	144	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	13C2-PFUnDA (surr.)	150	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	13C2-PFTeDA (surr.)	68	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	13C5-PFNA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	13C6-PFDA (surr.)	141	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	Dibutylchlorendate (surr.)	60	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	18O2-PFHxS (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP245_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	152	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.1	1/11/2021	13C2-PFDoDA (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.1	1/11/2021	13C2-PFUnDA (surr.)	133	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.1	1/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	144	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	101	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	13C2-PFTeDA (surr.)	72	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	13C3-PFBS (surr.)	135	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	13C6-PFDA (surr.)	131	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	p-Terphenyl-d14 (surr.)	147	%	30	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	Dibutylchlorendate (surr.)	133	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	64	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	143	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP246_0.3	1/11/2021	Tetrachloro-m-xylene (surr.)	143	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	111	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C2-8:2 FTSA (surr.)	127	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C2-PFDoDA (surr.)	143	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C4-PFHpA (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C5-PFNA (surr.)	136	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C5-PFPeA (surr.)	127	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	13C6-PFDA (surr.)	135	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	p-Terphenyl-d14 (surr.)	71	%	30	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	Dibutylchlorendate (surr.)	59	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	18O2-PFHxS (surr.)	133	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	Toluene-d8 (surr.)	69	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	Tetrachloro-m-xylene (surr.)	69	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	142	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	57	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.3	1/11/2021	13C2-PFDoDA (surr.)	141	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.3	1/11/2021	13C2-PFUnDA (surr.)	130	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.3	1/11/2021	Dibutylchlorendate (surr.)	66	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP247_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	127	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	120	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.1	1/11/2021	13C2-PFDoDA (surr.)	137	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.1	1/11/2021	13C2-PFUnDA (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.1	1/11/2021	13C6-PFDA (surr.)	148	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	133	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	13C2-6:2 FTSA (surr.)	68	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	13C2-PFDoDA (surr.)	135	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	13C6-PFDA (surr.)	139	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	Dibutylchlorendate (surr.)	63	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	Toluene-d8 (surr.)	72	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	53	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP248_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	98	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	13C2-PFUnDA (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	13C2-PFTeDA (surr.)	71	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	13C5-PFNA (surr.)	127	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	13C6-PFDA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	Toluene-d8 (surr.)	69	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	13C2-PFUnDA (surr.)	143	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	13C3-PFBS (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	13C5-PFNA (surr.)	130	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	Dibutylchlorendate (surr.)	70	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	55	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP249_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	13C2-PFTeDA (surr.)	72	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	13C3-PFBS (surr.)	139	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	13C6-PFDA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	Dibutylchlorendate (surr.)	62	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	130	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	61	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.3	1/11/2021	13C2-PFDoDA (surr.)	147	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.3	1/11/2021	13C2-PFUnDA (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.3	1/11/2021	13C6-PFDA (surr.)	144	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.3	1/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP251_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	140	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	107	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.1	1/11/2021	13C2-PFUnDA (surr.)	139	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.1	1/11/2021	Dibutylchlorendate (surr.)	71	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	67	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C2-4:2 FTSA (surr.)	58	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C2-6:2 FTSA (surr.)	73	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C2-PFDoDA (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C2-PFUnDA (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C2-PFTeDA (surr.)	74	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C5-PFNA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	13C6-PFDA (surr.)	137	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP250_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	62	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	60	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	13C2-PFUnDA (surr.)	133	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	13C5-PFNA (surr.)	127	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	13C6-PFDA (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	Dibutylchlorendate (surr.)	72	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	148	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	117	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C2-8:2 FTSA (surr.)	144	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C2-PFDoDA (surr.)	153	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C2-PFUnDA (surr.)	159	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C3-PFBS (surr.)	136	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C5-PFNA (surr.)	145	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C5-PFPeA (surr.)	130	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	13C6-PFDA (surr.)	158	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	Dibutylchlorendate (surr.)	61	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP235_0.3	1/11/2021	18O2-PFHxS (surr.)	139	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	54	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	109	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	13C2-8:2 FTSA (surr.)	131	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	13C2-PFDoDA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	13C2-PFUnDA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	13C5-PFNA (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	13C6-PFDA (surr.)	133	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	Dibutylchlorendate (surr.)	70	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.1	1/11/2021	D3-N-MeFOSAA (surr.)	131	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	106	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	13C2-PFDoDA (surr.)	130	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	13C2-PFUnDA (surr.)	141	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	13C6-PFDA (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	Dibutylchlorendate (surr.)	68	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	18O2-PFHxS (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP236_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	113	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	13C5-PFNA (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	Dibutylchlorendate (surr.)	62	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	Toluene-d8 (surr.)	66	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	149	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	64	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.1	1/11/2021	D3-N-MeFOSA (surr.)	73	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	128	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	13C2-PFDoDA (surr.)	143	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	13C2-PFUnDA (surr.)	155	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	13C3-PFBS (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	13C5-PFNA (surr.)	140	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	13C6-PFDA (surr.)	141	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	Dibutylchlorendate (surr.)	67	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	Toluene-d8 (surr.)	52	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP237_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	141	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	57	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	113	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	13C2-PFDoDA (surr.)	127	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	13C2-PFUnDA (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	13C3-PFBS (surr.)	127	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	13C5-PFNA (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	Dibutylchlorendate (surr.)	66	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	Toluene-d8 (surr.)	71	%	70	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	111	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	13C2-6:2 FTSA (surr.)	130	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	13C2-PFDoDA (surr.)	137	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	13C2-PFUnDA (surr.)	143	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	13C5-PFNA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	Dibutylchlorendate (surr.)	63	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	71	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP238_0.3	1/11/2021	D3-N-MeFOSAA (surr.)	68	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	115	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.1	1/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.1	1/11/2021	13C5-PFNA (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.1	1/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	145	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	135	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	13C2-6:2 FTSA (surr.)	130	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	13C2-PFUnDA (surr.)	132	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	13C5-PFNA (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	13C5-PFPeA (surr.)	135	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	Dibutylchlorendate (surr.)	64	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	143	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP239_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	149	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	122	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C2-PFDoDA (surr.)	148	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C2-PFUnDA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C3-PFBS (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C4-PFHpA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C5-PFNA (surr.)	145	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C5-PFPeA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C6-PFDA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	13C8-PFOA (surr.)	135	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.1	1/11/2021	D5-N-EtFOSAA (surr.)	152	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	Triphenylphosphate (surr.)	70	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	Phenol-d6 (surr.)	64	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	115	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	13C2-PFDoDA (surr.)	145	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	13C2-PFUnDA (surr.)	141	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	13C3-PFBS (surr.)	134	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	13C5-PFNA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	p-Terphenyl-d14 (surr.)	66	%	30	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	Toluene-d8 (surr.)	57	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	2-Fluorobiphenyl (surr.)	70	%	30	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	D5-N-EtFOSAA (surr.)	152	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	Nitrobenzene-d5 (surr.)	73	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	52	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP240_0.3	1/11/2021	Tetrachloro-m-xylene (surr.)	61	%	70	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	2.4.6-Tribromophenol (surr.)	64	%	0	0	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	Phenol-d6 (surr.)	72	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	13C2-10:2 FTSA (surr.)	116	%	0	0	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	13C5-PFNA (surr.)	137	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	D5-N-EtFOSAA (surr.)	145	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D01	1/11/2021	4-Bromofluorobenzene (surr.)	150	%	50	150	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	13C2-4:2 FTSA (surr.)	135	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	13C2-6:2 FTSA (surr.)	142	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	13C2-8:2 FTSA (surr.)	151	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	13C2-PFTeDA (surr.)	136	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	13C3-PFBS (surr.)	130	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	D3-N-MeFOSAA (surr.)	130	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D02	1/11/2021	D3-N-MeFOSA (surr.)	132	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D03	1/11/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D03	1/11/2021	13C2-4:2 FTSA (surr.)	138	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D03	1/11/2021	13C2-8:2 FTSA (surr.)	169	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D03	1/11/2021	13C2-PFTeDA (surr.)	132	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D03	1/11/2021	D5-N-EtFOSAA (surr.)	148	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D03	1/11/2021	D3-N-MeFOSAA (surr.)	150	%	20	130	
05 Nov 2021	838534	Field_D	SOIL	AI_20211101_D03	1/11/2021	D3-N-MeFOSA (surr.)	134	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	87	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	Phenol-d6 (surr.)	133	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	13C2-PFDoDA (surr.)	136	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	13C2-PFUnDA (surr.)	143	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	13C6-PFDA (surr.)	142	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	13C8-PFOS (surr.)	127	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	Tetrachloro-m-xylene (surr.)	73	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	134	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	89	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	13C2-PFUnDA (surr.)	152	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	13C5-PFPeA (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	13C6-PFDA (surr.)	147	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	18O2-PFHxS (surr.)	131	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	64	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP217_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.1	2/11/2021	13C2-PFDoDA (surr.)	127	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.1	2/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	62	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.3	2/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.3	2/11/2021	13C2-PFUnDA (surr.)	155	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.3	2/11/2021	13C6-PFDA (surr.)	149	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.3	2/11/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP218_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.1	2/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.1	2/11/2021	13C2-PFUnDA (surr.)	141	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.1	2/11/2021	13C2-PFTeDA (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.1	2/11/2021	13C6-PFDA (surr.)	144	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.1	2/11/2021	18O2-PFHxS (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	147	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	64	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.3	2/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.3	2/11/2021	13C6-PFDA (surr.)	144	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	137	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP219_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	130	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	54	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.1	2/11/2021	13C2-PFUnDA (surr.)	148	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.1	2/11/2021	13C6-PFDA (surr.)	157	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.1	2/11/2021	13C8-PFOS (surr.)	127	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	147	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	56	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.3	2/11/2021	Phenol-d6 (surr.)	60	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.3	2/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP220_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	57	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	66	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.1	2/11/2021	13C2-PFUnDA (surr.)	147	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.1	2/11/2021	13C6-PFDA (surr.)	129	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	131	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	69	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.3	2/11/2021	13C2-8:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.3	2/11/2021	13C2-PFUnDA (surr.)	143	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.3	2/11/2021	13C2-PFTeDA (surr.)	139	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.3	2/11/2021	13C5-PFNA (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.3	2/11/2021	13C6-PFDA (surr.)	155	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP221_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	134	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.1	2/11/2021	13C2-PFUnDA (surr.)	146	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.1	2/11/2021	13C6-PFDA (surr.)	139	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	144	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.3	2/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.3	2/11/2021	13C6-PFDA (surr.)	130	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP222_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	55	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.1	2/11/2021	Phenol-d6 (surr.)	51	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.1	2/11/2021	13C2-PFUnDA (surr.)	148	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.1	2/11/2021	13C2-PFTeDA (surr.)	133	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.1	2/11/2021	13C5-PFNA (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	140	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.3	2/11/2021	Phenol-d6 (surr.)	61	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.3	2/11/2021	13C2-6:2 FTSA (surr.)	270	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.3	2/11/2021	13C2-PFUnDA (surr.)	147	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.3	2/11/2021	13C6-PFDA (surr.)	144	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP223_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	142	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.1	2/11/2021	Phenol-d6 (surr.)	61	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.1	2/11/2021	13C2-PFUnDA (surr.)	155	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.1	2/11/2021	13C5-PFNA (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.1	2/11/2021	13C6-PFDA (surr.)	133	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.1	2/11/2021	D5-N-EtFOSAA (surr.)	59	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.3	2/11/2021	13C2-PFUnDA (surr.)	137	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.3	2/11/2021	13C6-PFDA (surr.)	132	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	32	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	126	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP213_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	51	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.1	2/11/2021	Phenol-d6 (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.1	2/11/2021	13C2-PFUnDA (surr.)	154	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.1	2/11/2021	13C5-PFNA (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.1	2/11/2021	13C6-PFDA (surr.)	144	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	143	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.3	2/11/2021	13C2-4:2 FTSA (surr.)	70	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.3	2/11/2021	13C2-PFUnDA (surr.)	144	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.3	2/11/2021	Toluene-d8 (surr.)	65	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	44	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	69	%	50	150	
05 Nov 2021	838535	Normal	SOIL	AI_TP212_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	68	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.1	2/11/2021	13C2-PFUnDA (surr.)	134	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.1	2/11/2021	13C6-PFDA (surr.)	145	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.1	2/11/2021	D3-N-MeFOSAA (surr.)	155	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.3	2/11/2021	13C2-4:2 FTSA (surr.)	74	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.3	2/11/2021	13C2-PFUnDA (surr.)	151	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP211_0.3	2/11/2021	13C6-PFDA (surr.)	133	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	127	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.1	2/11/2021	13C2-PFDoDA (surr.)	137	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.1	2/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.1	2/11/2021	13C3-PFBS (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.1	2/11/2021	13C5-PFNA (surr.)	152	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.1	2/11/2021	D5-N-EtFOSAA (surr.)	151	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	86	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.3	2/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.3	2/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.3	2/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.3	2/11/2021	13C5-PFNA (surr.)	147	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP210_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.1	2/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.1	2/11/2021	13C2-PFUnDA (surr.)	147	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.1	2/11/2021	13C5-PFNA (surr.)	129	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.1	2/11/2021	D5-N-EtFOSAA (surr.)	142	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	56	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.3	2/11/2021	13C2-4:2 FTSA (surr.)	73	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.3	2/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.3	2/11/2021	13C2-PFUnDA (surr.)	129	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP209_0.3	2/11/2021	13C5-PFNA (surr.)	130	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.1	2/11/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.1	2/11/2021	13C2-PFDoDA (surr.)	130	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.1	2/11/2021	13C3-PFBS (surr.)	126	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.1	2/11/2021	D5-N-EtFOSAA (surr.)	130	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	53	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	62	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.3	2/11/2021	Tetrachloro-m-xylene (surr.)	74	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP208_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	61	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP204_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	68	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP204_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	59	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP204_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	111	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C2-6:2 FTSA (surr.)	150	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C2-PFUnDA (surr.)	134	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C2-PFTeDA (surr.)	135	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C3-PFBS (surr.)	155	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C4-PFHpA (surr.)	140	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C5-PFHxA (surr.)	128	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C6-PFDA (surr.)	129	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	13C8-PFOS (surr.)	141	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	137	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	18O2-PFHxS (surr.)	146	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	Toluene-d8 (surr.)	74	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	131	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	144	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	D3-N-MeFOSA (surr.)	57	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	D5-N-EtFOSA (surr.)	51	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	D7-N-MeFOSE (surr.)	31	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.1	2/11/2021	D9-N-EtFOSE (surr.)	28	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	135	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	Phenol-d6 (surr.)	138	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	142	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C2-4:2 FTSA (surr.)	59	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C2-6:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C2-8:2 FTSA (surr.)	69	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C2-PFTeDA (surr.)	130	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C3-PFBS (surr.)	140	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C4-PFBA (surr.)	64	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	13C8-PFOS (surr.)	131	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	p-Terphenyl-d14 (surr.)	147	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	18O2-PFHxS (surr.)	135	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	137	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	50	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	64	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	D3-N-MeFOSA (surr.)	71	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	D5-N-EtFOSA (surr.)	60	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	D7-N-MeFOSE (surr.)	34	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP203_0.3	2/11/2021	D9-N-EtFOSE (surr.)	39	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	119	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	Phenol-d6 (surr.)	131	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	13C2-PFTeDA (surr.)	133	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	13C3-PFBS (surr.)	146	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	13C4-PFBA (surr.)	70	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	13C8-PFOS (surr.)	131	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	143	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	18O2-PFHxS (surr.)	144	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	140	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	D3-N-MeFOSA (surr.)	69	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	D5-N-EtFOSA (surr.)	50	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	D7-N-MeFOSE (surr.)	44	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.1	2/11/2021	D9-N-EtFOSE (surr.)	43	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	131	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	Phenol-d6 (surr.)	130	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	156	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	13C2-PFTeDA (surr.)	133	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	13C3-PFBS (surr.)	133	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	13C4-PFBA (surr.)	68	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	13C8-PFOS (surr.)	131	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	18O2-PFHxS (surr.)	142	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	Toluene-d8 (surr.)	74	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	139	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	64	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	D3-N-MeFOSA (surr.)	74	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	D5-N-EtFOSA (surr.)	52	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	D7-N-MeFOSE (surr.)	50	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP202_0.3	2/11/2021	D9-N-EtFOSE (surr.)	44	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	125	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	Phenol-d6 (surr.)	132	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	199	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	13C3-PFBS (surr.)	149	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	13C6-PFDA (surr.)	128	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	13C8-PFOS (surr.)	130	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	144	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	18O2-PFHxS (surr.)	130	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	141	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	4-Bromofluorobenzene (surr.)	53	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	D5-N-EtFOSA (surr.)	59	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	D7-N-MeFOSE (surr.)	58	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.1	2/11/2021	D9-N-EtFOSE (surr.)	54	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	134	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	Phenol-d6 (surr.)	136	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	117	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	13C2-6:2 FTSA (surr.)	74	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	13C4-PFBA (surr.)	68	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	13C5-PFHxA (surr.)	126	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	13C8-PFOS (surr.)	134	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	p-Terphenyl-d14 (surr.)	142	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	18O2-PFHxS (surr.)	139	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	Toluene-d8 (surr.)	73	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	129	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	147	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	60	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	D5-N-EtFOSA (surr.)	74	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	D7-N-MeFOSE (surr.)	58	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP201_0.3	2/11/2021	D9-N-EtFOSE (surr.)	62	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	125	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	Phenol-d6 (surr.)	129	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	13C2-4:2 FTSA (surr.)	148	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	13C3-PFBS (surr.)	170	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	13C4-PFHpA (surr.)	127	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	13C5-PFHxA (surr.)	126	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	13C6-PFDA (surr.)	137	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	13C8-PFOS (surr.)	137	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	143	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	18O2-PFHxS (surr.)	135	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	138	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	D3-N-MeFOSA (surr.)	74	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	D5-N-EtFOSA (surr.)	72	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	D7-N-MeFOSE (surr.)	58	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.1	2/11/2021	D9-N-EtFOSE (surr.)	54	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	141	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	Phenol-d6 (surr.)	140	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	158	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	13C2-PFTeDA (surr.)	128	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	13C3-PFBS (surr.)	140	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	13C4-PFBA (surr.)	73	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	13C8-PFOS (surr.)	133	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	p-Terphenyl-d14 (surr.)	144	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	18O2-PFHxS (surr.)	136	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	Toluene-d8 (surr.)	53	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	138	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	69	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	D7-N-MeFOSE (surr.)	67	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP200_0.3	2/11/2021	D9-N-EtFOSE (surr.)	66	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	114	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C2-4:2 FTSA (surr.)	-999	%	20	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C2-6:2 FTSA (surr.)	162	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C2-8:2 FTSA (surr.)	131	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C3-PFBS (surr.)	150	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C4-PFHpA (surr.)	153	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C5-PFHxA (surr.)	148	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C6-PFDA (surr.)	134	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	13C8-PFOS (surr.)	136	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	144	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	18O2-PFHxS (surr.)	146	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	Toluene-d8 (surr.)	50	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	137	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	D5-N-EtFOSAA (surr.)	129	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	D5-N-EtFOSA (surr.)	67	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	D7-N-MeFOSE (surr.)	63	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.1	2/11/2021	D9-N-EtFOSE (surr.)	59	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	144	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	169	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	13C2-PFTeDA (surr.)	138	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	13C3-PFBS (surr.)	150	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	13C4-PFBA (surr.)	71	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	13C8-PFOS (surr.)	146	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	18O2-PFHxS (surr.)	141	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	Toluene-d8 (surr.)	67	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	53	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	70	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	D7-N-MeFOSE (surr.)	72	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP193_0.3	2/11/2021	D9-N-EtFOSE (surr.)	66	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	Triphenylphosphate (surr.)	126	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	133	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	Phenol-d6 (surr.)	147	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	183	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C2-4:2 FTSA (surr.)	136	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C2-6:2 FTSA (surr.)	142	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C2-PFTeDA (surr.)	129	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C3-PFBS (surr.)	163	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C4-PFHpA (surr.)	128	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C5-PFHxA (surr.)	135	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	13C8-PFOS (surr.)	139	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	Dibutylchlorendate (surr.)	127	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	18O2-PFHxS (surr.)	141	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	Toluene-d8 (surr.)	55	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	4-Bromofluorobenzene (surr.)	56	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	D5-N-EtFOSA (surr.)	68	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	D7-N-MeFOSE (surr.)	64	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.1	2/11/2021	D9-N-EtFOSE (surr.)	66	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	111	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	Phenol-d6 (surr.)	149	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	157	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	13C2-4:2 FTSA (surr.)	127	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	13C2-PFTeDA (surr.)	136	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	13C8-PFOS (surr.)	143	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	18O2-PFHxS (surr.)	143	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	Toluene-d8 (surr.)	69	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	147	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	D5-N-EtFOSAA (surr.)	64	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	71	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	62	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	D5-N-EtFOSA (surr.)	69	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	D7-N-MeFOSE (surr.)	63	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP194_0.3	2/11/2021	D9-N-EtFOSE (surr.)	64	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	66	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	Phenol-d6 (surr.)	136	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C2-4:2 FTSA (surr.)	156	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C2-6:2 FTSA (surr.)	134	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C2-PFTeDA (surr.)	127	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C3-PFBS (surr.)	142	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C4-PFHpA (surr.)	139	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C5-PFHxA (surr.)	155	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C5-PFPeA (surr.)	127	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C6-PFDA (surr.)	144	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	13C8-PFOS (surr.)	144	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	18O2-PFHxS (surr.)	149	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	Toluene-d8 (surr.)	57	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	D3-N-MeFOSA (surr.)	68	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	D5-N-EtFOSA (surr.)	45	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	D7-N-MeFOSE (surr.)	59	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.1	2/11/2021	D9-N-EtFOSE (surr.)	57	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	Phenol-d6 (surr.)	143	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	152	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	13C3-PFBS (surr.)	148	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	13C8-PFOS (surr.)	141	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	18O2-PFHxS (surr.)	145	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	Toluene-d8 (surr.)	52	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	126	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	126	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	53	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	D3-N-MeFOSAA (surr.)	63	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP195_0.3	2/11/2021	D9-N-EtFOSE (surr.)	70	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	59	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C2-4:2 FTSA (surr.)	154	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C2-6:2 FTSA (surr.)	148	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C2-PFUnDA (surr.)	132	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C3-PFBS (surr.)	157	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C4-PFHpA (surr.)	128	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C5-PFHxA (surr.)	138	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	13C8-PFOS (surr.)	138	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	18O2-PFHxS (surr.)	146	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	Toluene-d8 (surr.)	65	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	D7-N-MeFOSE (surr.)	63	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.1	2/11/2021	D9-N-EtFOSE (surr.)	57	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	Phenol-d6 (surr.)	149	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	13C2-10:2 FTSA (surr.)	179	%	0	0	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	13C2-6:2 FTSA (surr.)	147	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	13C2-PFTeDA (surr.)	136	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	13C3-PFBS (surr.)	159	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	13C8-PFOS (surr.)	147	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	18O2-PFHxS (surr.)	150	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	2-Fluorobiphenyl (surr.)	128	%	30	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	Nitrobenzene-d5 (surr.)	135	%	70	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	D7-N-MeFOSE (surr.)	72	%	20	130	
05 Nov 2021	838536	Normal	SOIL	AI_TP196_0.3	2/11/2021	D9-N-EtFOSE (surr.)	66	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	Triphenylphosphate (surr.)	132	%	70	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	2.4.6-Tribromophenol (surr.)	58	%	0	0	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	13C2-10:2 FTSA (surr.)	162	%	0	0	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	13C2-PFTeDA (surr.)	138	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	13C3-PFBS (surr.)	158	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	13C5-PFHxA (surr.)	130	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	13C8-PFOS (surr.)	134	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	p-Terphenyl-d14 (surr.)	140	%	30	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	18O2-PFHxS (surr.)	148	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	2-Fluorobiphenyl (surr.)	144	%	30	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	Nitrobenzene-d5 (surr.)	149	%	70	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	Tetrachloro-m-xylene (surr.)	129	%	70	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	D3-N-MeFOSAA (surr.)	68	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D01	2/11/2021	D9-N-EtFOSE (surr.)	74	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C2-10:2 FTSA (surr.)	123	%	0	0	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C2-8:2 FTSA (surr.)	130	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C2-PFDoDA (surr.)	130	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C4-PFBA (surr.)	133	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C4-PFHpA (surr.)	142	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C5-PFNA (surr.)	143	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C5-PFPeA (surr.)	141	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	13C6-PFDA (surr.)	127	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	D3-N-MeFOSAA (surr.)	68	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D02	2/11/2021	D3-N-MeFOSA (surr.)	139	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	2.4.6-Tribromophenol (surr.)	50	%	0	0	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	13C2-10:2 FTSA (surr.)	181	%	0	0	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	13C2-PFTeDA (surr.)	127	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	13C3-PFBS (surr.)	150	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	13C4-PFHpA (surr.)	135	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	13C5-PFHxA (surr.)	149	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	13C8-PFOS (surr.)	142	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	18O2-PFHxS (surr.)	138	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	4-Bromofluorobenzene (surr.)	139	%	50	150	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	D5-N-EtFOSA (surr.)	71	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	D7-N-MeFOSE (surr.)	68	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D03	2/11/2021	D9-N-EtFOSE (surr.)	67	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	13C2-10:2 FTSA (surr.)	108	%	0	0	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	13C2-PFDoDA (surr.)	137	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	13C2-PFUnDA (surr.)	149	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	13C4-PFBA (surr.)	130	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	13C5-PFPeA (surr.)	138	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	13C6-PFDA (surr.)	129	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	D3-N-MeFOSAA (surr.)	69	%	20	130	
05 Nov 2021	838536	Field_D	SOIL	AI_20211102_D04	2/11/2021	D3-N-MeFOSA (surr.)	136	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.1	3/11/2021	Toluene-d8 (surr.)	70	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	Phenol-d6 (surr.)	146	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	p-Terphenyl-d14 (surr.)	132	%	30	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	Toluene-d8 (surr.)	66	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	2-Fluorobiphenyl (surr.)	148	%	30	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP234_0.3	3/11/2021	Nitrobenzene-d5 (surr.)	148	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	140	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	140	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.1	3/11/2021	13C2-6:2 FTSA (surr.)	136	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	167	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.1	3/11/2021	Dibutylchlorendate (surr.)	68	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.1	3/11/2021	D7-N-MeFOSE (surr.)	72	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP233_0.3	3/11/2021	Dibutylchlorendate (surr.)	74	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP232_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP232_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP232_0.1	3/11/2021	D7-N-MeFOSE (surr.)	74	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP232_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP232_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	Phenol-d6 (surr.)	131	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	174	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	13C2-4:2 FTSA (surr.)	62	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	13C2-6:2 FTSA (surr.)	56	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	13C3-PFBS (surr.)	139	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	13C4-PFBA (surr.)	67	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	13C8-PFOS (surr.)	147	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	18O2-PFHxS (surr.)	136	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	Toluene-d8 (surr.)	70	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	2-Fluorobiphenyl (surr.)	128	%	30	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	D5-N-EtFOSAA (surr.)	62	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	Nitrobenzene-d5 (surr.)	133	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	56	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP231_0.3	3/11/2021	D9-N-EtFOSE (surr.)	74	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	183	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	152	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	13C2-6:2 FTSA (surr.)	140	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	13C3-PFBS (surr.)	145	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	13C4-PFHpA (surr.)	128	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	13C5-PFHxA (surr.)	129	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	13C8-PFOS (surr.)	144	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	18O2-PFHxS (surr.)	136	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	D5-N-EtFOSA (surr.)	73	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.1	3/11/2021	D9-N-EtFOSE (surr.)	66	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	58	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	83	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.3	3/11/2021	Dibutylchlorendate (surr.)	65	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP230_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.1	3/11/2021	13C8-PFOA (surr.)	128	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.1	3/11/2021	Toluene-d8 (surr.)	66	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.3	3/11/2021	13C8-PFOA (surr.)	126	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP229_0.3	3/11/2021	Dibutylchlorendate (surr.)	72	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP227_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP227_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	102	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP227_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP227_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP227_0.3	3/11/2021	Dibutylchlorendate (surr.)	70	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP227_0.3	3/11/2021	D5-N-EtFOSAA (surr.)	61	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP227_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	48	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP226_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP226_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP226_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP226_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP226_0.3	3/11/2021	13C2-8:2 FTSA (surr.)	129	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP226_0.3	3/11/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP226_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	111	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.1	3/11/2021	13C8-PFOA (surr.)	132	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.1	3/11/2021	Dibutylchlorendate (surr.)	72	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	123	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.3	3/11/2021	Dibutylchlorendate (surr.)	63	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP228_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	61	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	Triphenylphosphate (surr.)	60	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	68	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	Phenol-d6 (surr.)	57	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	173	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	135	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	182	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C2-PFDoDA (surr.)	137	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C2-PFUnDA (surr.)	139	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C2-PFTeDA (surr.)	145	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C3-PFBS (surr.)	130	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C5-PFNA (surr.)	127	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C5-PFPeA (surr.)	134	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C6-PFDA (surr.)	134	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C8-PFOA (surr.)	128	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	13C8-PFOS (surr.)	138	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	p-Terphenyl-d14 (surr.)	64	%	30	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	Dibutylchlorendate (surr.)	63	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	18O2-PFHxS (surr.)	127	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	2-Fluorobiphenyl (surr.)	61	%	30	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	D5-N-EtFOSAA (surr.)	146	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	Nitrobenzene-d5 (surr.)	68	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	63	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.1	3/11/2021	D3-N-MeFOSAA (surr.)	146	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	72	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.3	3/11/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP224_0.3	3/11/2021	4-Bromofluorobenzene (surr.)	59	%	50	150	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	60	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.1	3/11/2021	Phenol-d6 (surr.)	69	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	126	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.1	3/11/2021	13C2-6:2 FTSA (surr.)	147	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	133	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.1	3/11/2021	13C2-PFDoDA (surr.)	126	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.1	3/11/2021	13C2-PFTeDA (surr.)	133	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	100	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP215_0.3	3/11/2021	Toluene-d8 (surr.)	73	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP205_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	69	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP205_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	106	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP205_0.1	3/11/2021	13C8-PFOA (surr.)	134	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP205_0.1	3/11/2021	Dibutylchlorendate (surr.)	64	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP205_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	100	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP205_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP205_0.3	3/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	106	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	102	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	Triphenylphosphate (surr.)	147	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	143	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	Phenol-d6 (surr.)	136	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	13C2-6:2 FTSA (surr.)	62	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	13C5-PFPeA (surr.)	140	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	13C6-PFDA (surr.)	131	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	p-Terphenyl-d14 (surr.)	132	%	30	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	18O2-PFHxS (surr.)	133	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	2-Fluorobiphenyl (surr.)	144	%	30	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP186_0.3	3/11/2021	Nitrobenzene-d5 (surr.)	132	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	126	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.1	3/11/2021	13C4-PFHpA (surr.)	128	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.1	3/11/2021	13C5-PFPeA (surr.)	130	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.1	3/11/2021	D5-N-EtFOSA (surr.)	66	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.1	3/11/2021	D9-N-EtFOSE (surr.)	72	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.3	3/11/2021	Dibutylchlorendate (surr.)	74	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP187_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	52	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP188_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP188_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	124	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP188_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838537	Normal	SOIL	AI_TP188_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	125	%	0	0	
05 Nov 2021	838537	Normal	SOIL	AI_TP188_0.3	3/11/2021	13C8-PFOA (surr.)	127	%	20	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP188_0.3	3/11/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838537	Normal	SOIL	AI_TP188_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	Phenol-d6 (surr.)	68	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	69	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	p-Terphenyl-d14 (surr.)	69	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	Dibutylchlorendate (surr.)	61	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	Toluene-d8 (surr.)	74	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	68	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.3	3/11/2021	13C2-8:2 FTSA (surr.)	61	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP189_0.3	3/11/2021	Dibutylchlorendate (surr.)	65	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	Phenol-d6 (surr.)	63	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	64	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	13C3-PFBS (surr.)	131	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	p-Terphenyl-d14 (surr.)	70	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	Dibutylchlorendate (surr.)	67	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	Toluene-d8 (surr.)	58	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	59	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	67	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.3	3/11/2021	13C2-8:2 FTSA (surr.)	64	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.3	3/11/2021	p-Terphenyl-d14 (surr.)	69	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.3	3/11/2021	Dibutylchlorendate (surr.)	66	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP183_0.3	3/11/2021	Tetrachloro-m-xylene (surr.)	67	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	53	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	13C2-PFTeDA (surr.)	73	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	13C4-PFHpA (surr.)	70	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	p-Terphenyl-d14 (surr.)	73	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Toluene-d8 (surr.)	69	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	71	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	Triphenylphosphate (surr.)	65	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	Phenol-d6 (surr.)	70	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	13C2-6:2 FTSA (surr.)	159	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	13C2-8:2 FTSA (surr.)	69	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	13C3-PFBS (surr.)	126	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	13C5-PFPeA (surr.)	130	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	p-Terphenyl-d14 (surr.)	61	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	Dibutylchlorendate (surr.)	55	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	Toluene-d8 (surr.)	71	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	2-Fluorobiphenyl (surr.)	73	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	Nitrobenzene-d5 (surr.)	71	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	Tetrachloro-m-xylene (surr.)	58	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	D3-N-MeFOSA (surr.)	138	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	13C2-6:2 FTSA (surr.)	68	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	73	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	Dibutylchlorendate (surr.)	73	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	Toluene-d8 (surr.)	73	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	72	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	13C2-8:2 FTSA (surr.)	69	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	Dibutylchlorendate (surr.)	66	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	Toluene-d8 (surr.)	69	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	Tetrachloro-m-xylene (surr.)	72	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	D3-N-MeFOSA (surr.)	128	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Triphenylphosphate (surr.)	74	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Phenol-d6 (surr.)	68	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	64	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	13C3-PFBS (surr.)	129	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	13C8-PFOA (surr.)	70	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	p-Terphenyl-d14 (surr.)	66	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Dibutylchlorendate (surr.)	63	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Toluene-d8 (surr.)	74	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	64	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	Dibutylchlorendate (surr.)	71	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP182_0.3	3/11/2021	D3-N-MeFOSA (surr.)	133	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	13C2-10:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	132	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	13C2-6:2 FTSA (surr.)	133	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	72	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	p-Terphenyl-d14 (surr.)	74	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	71	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	13C3-PFBS (surr.)	131	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	p-Terphenyl-d14 (surr.)	74	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	Dibutylchlorendate (surr.)	64	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	Tetrachloro-m-xylene (surr.)	72	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP181_0.3	3/11/2021	D3-N-MeFOSA (surr.)	138	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	126	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.1	3/11/2021	13C3-PFBS (surr.)	137	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.1	3/11/2021	13C5-PFPeA (surr.)	131	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.1	3/11/2021	Dibutylchlorendate (surr.)	71	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	74	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.1	3/11/2021	D3-N-MeFOSA (surr.)	126	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.3	3/11/2021	Triphenylphosphate (surr.)	74	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.3	3/11/2021	13C3-PFBS (surr.)	147	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.3	3/11/2021	p-Terphenyl-d14 (surr.)	73	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.3	3/11/2021	Dibutylchlorendate (surr.)	61	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.3	3/11/2021	Tetrachloro-m-xylene (surr.)	70	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP176_0.3	3/11/2021	D3-N-MeFOSA (surr.)	148	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	145	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	13C2-8:2 FTSA (surr.)	73	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	13C6-PFDA (surr.)	141	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	p-Terphenyl-d14 (surr.)	74	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.1	3/11/2021	Tetrachloro-m-xylene (surr.)	73	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP152_0.3	3/11/2021	13C3-PFBS (surr.)	136	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	64	%	0	0	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	158	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.1	3/11/2021	13C2-6:2 FTSA (surr.)	149	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.1	3/11/2021	13C3-PFBS (surr.)	129	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.1	3/11/2021	Toluene-d8 (surr.)	63	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	62	%	0	0	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	135	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.3	3/11/2021	13C2-4:2 FTSA (surr.)	137	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.3	3/11/2021	13C3-PFBS (surr.)	137	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.3	3/11/2021	13C4-PFBA (surr.)	126	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.3	3/11/2021	13C5-PFPeA (surr.)	134	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP151_0.3	3/11/2021	D3-N-MeFOSA (surr.)	144	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.1	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.1	3/11/2021	13C2-4:2 FTSA (surr.)	-999	%	20	130	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.1	3/11/2021	13C2-6:2 FTSA (surr.)	137	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.1	3/11/2021	13C3-PFBS (surr.)	153	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.1	3/11/2021	13C6-PFDA (surr.)	135	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.1	3/11/2021	Toluene-d8 (surr.)	70	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.1	3/11/2021	4-Bromofluorobenzene (surr.)	72	%	50	150	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	13C2-10:2 FTSA (surr.)	131	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	13C2-4:2 FTSA (surr.)	136	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	13C3-PFBS (surr.)	139	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	13C8-FOSA (surr.)	129	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	p-Terphenyl-d14 (surr.)	74	%	30	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	Dibutylchlorendate (surr.)	70	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	D5-N-EtFOSAA (surr.)	130	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	Tetrachloro-m-xylene (surr.)	71	%	70	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	D3-N-MeFOSAA (surr.)	127	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	D3-N-MeFOSA (surr.)	143	%	20	130	
05 Nov 2021	838538	Normal	SOIL	AI_TP150_0.3	3/11/2021	D7-N-MeFOSE (surr.)	128	%	20	130	
05 Nov 2021	838538	Field_D	SOIL	AI_20211103_D01	3/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838538	Field_D	SOIL	AI_20211103_D01	3/11/2021	13C2-10:2 FTSA (surr.)	130	%	20	130	
05 Nov 2021	838538	Field_D	SOIL	AI_20211103_D01	3/11/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
05 Nov 2021	838538	Field_D	SOIL	AI_20211103_D01	3/11/2021	13C3-PFBS (surr.)	133	%	20	130	
05 Nov 2021	838538	Field_D	SOIL	AI_20211103_D01	3/11/2021	13C6-PFDA (surr.)	136	%	20	130	
05 Nov 2021	838538	Field_D	SOIL	AI_20211103_D01	3/11/2021	D5-N-EtFOSAA (surr.)	132	%	20	130	
05 Nov 2021	838538	Field_D	SOIL	AI_20211103_D01	3/11/2021	D3-N-MeFOSA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	145	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	Phenol-d6 (surr.)	136	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	117	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C2-4:2 FTSA (surr.)	165	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C2-6:2 FTSA (surr.)	135	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C2-8:2 FTSA (surr.)	51	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C2-PFTeDA (surr.)	41	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C3-PFBS (surr.)	129	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C5-PFPeA (surr.)	142	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	13C8-FOSA (surr.)	41	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	144	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	141	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	D3-N-MeFOSA (surr.)	41	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	D5-N-EtFOSA (surr.)	36	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	D7-N-MeFOSE (surr.)	37	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.1	4/11/2021	D9-N-EtFOSE (surr.)	31	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	139	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	Phenol-d6 (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	184	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	13C2-8:2 FTSA (surr.)	53	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	13C2-PFTeDA (surr.)	129	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	13C5-PFPeA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	13C8-PFOS (surr.)	126	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	145	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	2-Fluorobiphenyl (surr.)	140	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	D3-N-MeFOSAA (surr.)	61	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP05_0.3	4/11/2021	D5-N-EtFOSA (surr.)	69	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	35	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	13C2-4:2 FTSA (surr.)	160	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	13C2-8:2 FTSA (surr.)	68	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	13C3-PFBS (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	13C4-PFHpA (surr.)	132	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	13C5-PFHxA (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	D3-N-MeFOSAA (surr.)	45	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	D3-N-MeFOSA (surr.)	69	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.1	4/11/2021	D7-N-MeFOSE (surr.)	74	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	98	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	Phenol-d6 (surr.)	141	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	106	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	13C2-PFUnDA (surr.)	145	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	13C3-PFBS (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	13C4-PFHpA (surr.)	127	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	13C5-PFNA (surr.)	154	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	13C8-PFOA (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	136	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP08_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	Triphenylphosphate (surr.)	128	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	112	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	13C2-PFTeDA (surr.)	73	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	13C5-PFNA (surr.)	142	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	138	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	96	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	109	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	13C2-4:2 FTSA (surr.)	71	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	13C2-PFDoDA (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	13C2-PFUnDA (surr.)	144	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	13C2-PFTeDA (surr.)	72	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	13C5-PFNA (surr.)	136	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	2-Fluorobiphenyl (surr.)	145	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP12_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	108	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	Phenol-d6 (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	111	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	13C2-6:2 FTSA (surr.)	139	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	13C2-PFDoDA (surr.)	142	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	13C2-PFTeDA (surr.)	68	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	13C3-PFBS (surr.)	132	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	13C5-PFNA (surr.)	144	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	142	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	154	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	Triphenylphosphate (surr.)	134	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	136	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	112	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	13C2-6:2 FTSA (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	13C2-PFUnDA (surr.)	155	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	13C3-PFBS (surr.)	128	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	13C5-PFNA (surr.)	137	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	Dibutylchlorendate (surr.)	128	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP13_0.3	4/11/2021	Tetrachloro-m-xylene (surr.)	132	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	108	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	69	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	13C2-6:2 FTSA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	13C2-PFTeDA (surr.)	62	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	13C3-PFBS (surr.)	136	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	13C5-PFNA (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	13C5-PFPeA (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.1	4/11/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	Triphenylphosphate (surr.)	137	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	143	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	13C2-PFUnDA (surr.)	146	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	13C5-PFNA (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	Dibutylchlorendate (surr.)	127	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	Tetrachloro-m-xylene (surr.)	127	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP22_0.3	4/11/2021	D3-N-MeFOSAA (surr.)	70	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	113	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	Phenol-d6 (surr.)	126	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	126	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	13C2-PFUnDA (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	13C2-PFTeDA (surr.)	73	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	13C5-PFNA (surr.)	135	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	141	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	128	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.1	4/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	104	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	Phenol-d6 (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	123	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	13C2-PFDoDA (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	13C2-PFUnDA (surr.)	139	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	13C3-PFBS (surr.)	132	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	13C5-PFNA (surr.)	146	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	13C5-PFPeA (surr.)	127	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	13C6-PFDA (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	2-Fluorobiphenyl (surr.)	147	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP21_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	50	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	Phenol-d6 (surr.)	50	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	116	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	13C2-PFUnDA (surr.)	151	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	13C3-PFBS (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	13C5-PFNA (surr.)	132	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	70	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	139	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.1	4/11/2021	Tetrachloro-m-xylene (surr.)	52	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	Triphenylphosphate (surr.)	131	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	90	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	116	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	13C2-PFDoDA (surr.)	142	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	13C2-PFUnDA (surr.)	143	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	13C3-PFBS (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	13C5-PFNA (surr.)	149	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	13C6-PFDA (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	18O2-PFHxS (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP29_0.3	4/11/2021	Tetrachloro-m-xylene (surr.)	128	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	Triphenylphosphate (surr.)	127	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	128	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	Phenol-d6 (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	127	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	13C3-PFBS (surr.)	132	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	126	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	99	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	111	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	13C5-PFNA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	137	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP30_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	146	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	118	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	124	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	13C2-PFDoDA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	13C5-PFHxA (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	13C5-PFNA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	141	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	128	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	148	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	94	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	136	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	13C2-PFUnDA (surr.)	149	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	13C3-PFBS (surr.)	126	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	13C5-PFNA (surr.)	141	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	13C6-PFDA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	2-Fluorobiphenyl (surr.)	58	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	145	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP31_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	69	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	76	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	129	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	13C2-6:2 FTSA (surr.)	135	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	13C2-PFDoDA (surr.)	136	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	13C2-PFUnDA (surr.)	143	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	13C3-PFBS (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	13C5-PFNA (surr.)	142	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	13C6-PFDA (surr.)	127	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	Dibutylchlorendate (surr.)	72	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	139	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	108	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	116	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.3	4/11/2021	13C2-PFDoDA (surr.)	143	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.3	4/11/2021	13C2-PFUnDA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.3	4/11/2021	13C5-PFNA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	136	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP41_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	128	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	97	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	127	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	13C2-PFUnDA (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	13C5-PFNA (surr.)	149	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	155	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	138	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	143	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	Phenol-d6 (surr.)	135	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	113	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	13C2-PFDoDA (surr.)	132	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	13C2-PFUnDA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	13C5-PFNA (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	p-Terphenyl-d14 (surr.)	149	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	143	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP40_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	105	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	118	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	13C2-PFDoDA (surr.)	137	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	13C2-PFUnDA (surr.)	137	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	13C5-PFNA (surr.)	141	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	13C6-PFDA (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	150	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	114	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	128	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C2-PFDoDA (surr.)	154	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C3-PFBS (surr.)	137	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C5-PFHxA (surr.)	131	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C5-PFNA (surr.)	154	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C6-PFDA (surr.)	129	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	13C8-PFOA (surr.)	127	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP39_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	134	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	109	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	127	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	13C2-PFDoDA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	13C2-PFUnDA (surr.)	145	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	13C3-PFBS (surr.)	130	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	13C5-PFNA (surr.)	145	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	156	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	146	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	121	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	132	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	13C2-PFDoDA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	13C2-PFUnDA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	13C3-PFBS (surr.)	133	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	13C5-PFNA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	13C6-PFDA (surr.)	135	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	Dibutylchlorendate (surr.)	74	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	2-Fluorobiphenyl (surr.)	68	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP49_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	140	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	118	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	123	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	13C2-6:2 FTSA (surr.)	147	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	13C2-PFUnDA (surr.)	142	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	13C5-PFNA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	p-Terphenyl-d14 (surr.)	135	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	2-Fluorobiphenyl (surr.)	134	%	30	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.1	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	99	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	115	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	13C2-PFDoDA (surr.)	132	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	13C2-PFUnDA (surr.)	127	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	Toluene-d8 (surr.)	52	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	126	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	144	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP50_0.3	4/11/2021	4-Bromofluorobenzene (surr.)	52	%	50	150	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	Triphenylphosphate (surr.)	69	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	2.4.6-Tribromophenol (surr.)	61	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	13C2-10:2 FTSA (surr.)	107	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	13C5-PFNA (surr.)	137	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	Dibutylchlorendate (surr.)	64	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	D5-N-EtFOSAA (surr.)	127	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	Tetrachloro-m-xylene (surr.)	69	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.1	4/11/2021	D3-N-MeFOSA (surr.)	73	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	Triphenylphosphate (surr.)	126	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	2.4.6-Tribromophenol (surr.)	138	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	Phenol-d6 (surr.)	150	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	13C2-10:2 FTSA (surr.)	132	%	0	0	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	13C2-6:2 FTSA (surr.)	138	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	13C2-PFDoDA (surr.)	153	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	13C2-PFUnDA (surr.)	139	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	13C5-PFNA (surr.)	144	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	13C5-PFPeA (surr.)	127	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	Toluene-d8 (surr.)	66	%	70	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	D5-N-EtFOSAA (surr.)	151	%	20	130	
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
05 Nov 2021	838539	Normal	SOIL	AI_TP51_0.3	4/11/2021	4-Bromofluorobenzene (surr.)	67	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.1	1/11/2021	13C2-8:2 FTSA (surr.)	148	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.1	1/11/2021	13C2-PFTeDA (surr.)	132	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.1	1/11/2021	D3-N-MeFOSA (surr.)	146	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	13C2-8:2 FTSA (surr.)	143	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	Dibutylchlorendate (surr.)	59	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	Toluene-d8 (surr.)	72	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	4-Bromofluorobenzene (surr.)	66	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	Tetrachloro-m-xylene (surr.)	73	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP242_0.3	1/11/2021	D3-N-MeFOSA (surr.)	142	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	Phenol-d6 (surr.)	70	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	13C2-4:2 FTSA (surr.)	128	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	13C2-8:2 FTSA (surr.)	137	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	Dibutylchlorendate (surr.)	69	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	18O2-PFHxS (surr.)	131	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	4-Bromofluorobenzene (surr.)	71	%	50	150	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.1	1/11/2021	D3-N-MeFOSA (surr.)	138	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.3	1/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.3	1/11/2021	13C2-10:2 FTSA (surr.)	80	%	0	0	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.3	1/11/2021	13C2-4:2 FTSA (surr.)	72	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.3	1/11/2021	13C2-8:2 FTSA (surr.)	126	%	20	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.3	1/11/2021	Toluene-d8 (surr.)	62	%	70	130	
05 Nov 2021	838534	Normal	SOIL	AI_TP243_0.3	1/11/2021	D3-N-MeFOSA (surr.)	129	%	20	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.1	2/11/2021	2.4.6-Tribromophenol (surr.)	65	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.1	2/11/2021	p-Terphenyl-d14 (surr.)	74	%	30	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.1	2/11/2021	Toluene-d8 (surr.)	60	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.1	2/11/2021	2-Fluorobiphenyl (surr.)	73	%	30	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.1	2/11/2021	4-Bromofluorobenzene (surr.)	55	%	50	150	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.1	2/11/2021	Tetrachloro-m-xylene (surr.)	69	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.3	2/11/2021	Triphenylphosphate (surr.)	133	%	70	130	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.3	2/11/2021	2.4.6-Tribromophenol (surr.)	90	%	0	0	
05 Nov 2021	838535	Normal	SOIL	AI_TP214_0.3	2/11/2021	4-Bromofluorobenzene (surr.)	72	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	Triphenylphosphate (surr.)	135	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	57	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	84	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	159	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	13C5-PFNA (surr.)	133	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	p-Terphenyl-d14 (surr.)	136	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0.1	8/11/2021	Dibutylchlorendate (surr.)	148	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	2.4.6-Tribromophenol (surr.)	61	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	13C2-PFDoDA (surr.)	145	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	13C2-PFUnDA (surr.)	143	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	13C5-PFNA (surr.)	150	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	13C6-PFDA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	13C8-PFOS (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	18O2-PFHxS (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	Toluene-d8 (surr.)	65	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP145_0	8/11/2021	D5-N-EtFOSA (surr.)	138	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	Phenol-d6 (surr.)	50	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	108	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	141	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	129	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C2-PFDoDA (surr.)	155	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C2-PFUnDA (surr.)	144	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C3-PFBS (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C5-PFNA (surr.)	153	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C5-PFPeA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C6-PFDA (surr.)	145	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	13C8-PFOA (surr.)	136	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	18O2-PFHxS (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	D5-N-EtFOSAA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	D3-N-MeFOSA (surr.)	126	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.1	8/11/2021	D5-N-EtFOSA (surr.)	138	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	13C2-6:2 FTSA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	13C2-PFDoDA (surr.)	143	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	13C2-PFUnDA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	13C5-PFNA (surr.)	144	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	13C6-PFDA (surr.)	143	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	13C8-PFOA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0.2	8/11/2021	D5-N-EtFOSA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0	8/11/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0	8/11/2021	13C2-PFDoDA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0	8/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0	8/11/2021	13C5-PFNA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP144_0	8/11/2021	13C6-PFDA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	Triphenylphosphate (surr.)	128	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	59	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	13C2-PFTeDA (surr.)	64	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	13C4-PFHpA (surr.)	70	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	13C5-PFHxA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	13C8-FOSA (surr.)	56	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	p-Terphenyl-d14 (surr.)	131	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	Dibutylchlorendate (surr.)	130	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	67	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	D3-N-MeFOSA (surr.)	73	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	D7-N-MeFOSE (surr.)	67	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0.1	8/11/2021	D9-N-EtFOSE (surr.)	59	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C2-10:2 FTSA (surr.)	105	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C2-4:2 FTSA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C2-6:2 FTSA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C2-PFDoDA (surr.)	149	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C2-PFUnDA (surr.)	144	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C3-PFBS (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C4-PFBA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C5-PFNA (surr.)	165	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C5-PFPeA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C6-PFDA (surr.)	149	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C8-PFOA (surr.)	143	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	13C8-PFOS (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	18O2-PFHxS (surr.)	136	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	D5-N-EtFOSAA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP143_0	8/11/2021	D5-N-EtFOSA (surr.)	142	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	155	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	177	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	13C2-PFDoDA (surr.)	135	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	13C5-PFNA (surr.)	147	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	13C6-PFDA (surr.)	137	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	13C8-PFOA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	18O2-PFHxS (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	Toluene-d8 (surr.)	62	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	72	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0.1	8/11/2021	D9-N-EtFOSE (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0	8/11/2021	Triphenylphosphate (surr.)	127	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0	8/11/2021	2,4,6-Tribromophenol (surr.)	50	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0	8/11/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0	8/11/2021	13C2-PFDoDA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0	8/11/2021	13C5-PFNA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP142_0	8/11/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	Triphenylphosphate (surr.)	131	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	156	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	159	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	13C8-FOSA (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	Dibutylchlorendate (surr.)	127	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0.1	8/11/2021	D9-N-EtFOSE (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0	8/11/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0	8/11/2021	13C8-FOSA (surr.)	66	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP147_0	8/11/2021	D3-N-MeFOSAA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	Triphenylphosphate (surr.)	129	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	150	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	169	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C2-PFUnDA (surr.)	126	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C5-PFNA (surr.)	147	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C6-PFDA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0.1	8/11/2021	13C8-PFOA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0	8/11/2021	Triphenylphosphate (surr.)	128	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0	8/11/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0	8/11/2021	13C2-PFDoDA (surr.)	143	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0	8/11/2021	13C5-PFNA (surr.)	139	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP148_0	8/11/2021	13C6-PFDA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	13C2-PFDoDA (surr.)	139	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	13C3-PFBS (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	13C5-PFNA (surr.)	144	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	13C6-PFDA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	13C8-PFOA (surr.)	126	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	Toluene-d8 (surr.)	51	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0.1	8/11/2021	D5-N-EtFOSA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	13C2-10:2 FTSA (surr.)	105	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	13C2-6:2 FTSA (surr.)	149	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	13C2-PFDoDA (surr.)	136	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	13C2-PFUnDA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	13C5-PFNA (surr.)	147	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	13C6-PFDA (surr.)	129	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	13C8-PFOA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP149_0	8/11/2021	18O2-PFHxS (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	Triphenylphosphate (surr.)	139	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	155	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	181	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	13C2-PFTeDA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	13C8-FOSA (surr.)	66	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	Dibutylchlorendate (surr.)	132	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0.1	8/11/2021	D9-N-EtFOSE (surr.)	62	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	2,4,6-Tribromophenol (surr.)	72	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	13C2-10:2 FTSA (surr.)	69	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	13C2-4:2 FTSA (surr.)	69	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	13C2-8:2 FTSA (surr.)	69	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	13C2-PFTeDA (surr.)	67	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	13C4-PFHpA (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	13C8-FOSA (surr.)	61	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	Toluene-d8 (surr.)	64	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	4-Bromofluorobenzene (surr.)	66	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	D3-N-MeFOSAA (surr.)	61	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	D7-N-MeFOSE (surr.)	69	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP146_0	8/11/2021	D9-N-EtFOSE (surr.)	63	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	69	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	148	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	159	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C2-PFDoDA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C3-PFBS (surr.)	126	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C5-PFNA (surr.)	140	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C6-PFDA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	13C8-FOSA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	p-Terphenyl-d14 (surr.)	135	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	Toluene-d8 (surr.)	67	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	2-Fluorobiphenyl (surr.)	133	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	Nitrobenzene-d5 (surr.)	132	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	67	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	Triphenylphosphate (surr.)	137	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	2,4,6-Tribromophenol (surr.)	95	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	13C2-PFDoDA (surr.)	141	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	13C2-PFUnDA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	13C5-PFNA (surr.)	147	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	13C6-PFDA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	13C8-PFOA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	13C8-PFOS (surr.)	129	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	Dibutylchlorendate (surr.)	129	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP125_0	8/11/2021	D5-N-EtFOSA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0.1	8/11/2021	Triphenylphosphate (surr.)	126	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0.1	8/11/2021	Dibutylchlorendate (surr.)	130	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0	8/11/2021	Triphenylphosphate (surr.)	129	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0	8/11/2021	2,4,6-Tribromophenol (surr.)	53	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0	8/11/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0	8/11/2021	Dibutylchlorendate (surr.)	129	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP123_0	8/11/2021	Toluene-d8 (surr.)	72	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	Triphenylphosphate (surr.)	140	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	Dibutylchlorendate (surr.)	144	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	Toluene-d8 (surr.)	58	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	58	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	D3-N-MeFOSA (surr.)	68	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0.1	8/11/2021	D5-N-EtFOSA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0	8/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP124_0	8/11/2021	13C2-6:2 FTSA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0.1	8/11/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0.1	8/11/2021	Phenol-d6 (surr.)	68	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0.1	8/11/2021	D3-N-MeFOSA (surr.)	63	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0.1	8/11/2021	D5-N-EtFOSA (surr.)	73	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0	8/11/2021	Triphenylphosphate (surr.)	130	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0	8/11/2021	13C2-10:2 FTSA (surr.)	102	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0	8/11/2021	Toluene-d8 (surr.)	71	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0	8/11/2021	D5-N-EtFOSAA (surr.)	66	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP120_0	8/11/2021	D3-N-MeFOSAA (surr.)	62	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	Triphenylphosphate (surr.)	148	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	p-Terphenyl-d14 (surr.)	128	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	Dibutylchlorendate (surr.)	148	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	Toluene-d8 (surr.)	66	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	2-Fluorobiphenyl (surr.)	130	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	Nitrobenzene-d5 (surr.)	127	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	66	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0	8/11/2021	Triphenylphosphate (surr.)	130	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0	8/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP119_0	8/11/2021	Toluene-d8 (surr.)	73	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	13C2-PFDoDA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	13C2-PFTeDA (surr.)	129	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	Toluene-d8 (surr.)	67	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	69	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	D3-N-MeFOSA (surr.)	70	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.1	8/11/2021	D5-N-EtFOSA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.2	8/11/2021	Triphenylphosphate (surr.)	126	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.2	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.2	8/11/2021	13C2-10:2 FTSA (surr.)	102	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.2	8/11/2021	13C2-4:2 FTSA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP118_0.2	8/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0.1	8/11/2021	Dibutylchlorendate (surr.)	71	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0	8/11/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0	8/11/2021	Toluene-d8 (surr.)	71	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0	8/11/2021	D5-N-EtFOSAA (surr.)	57	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0	8/11/2021	4-Bromofluorobenzene (surr.)	69	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP104_0	8/11/2021	D3-N-MeFOSAA (surr.)	52	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	106	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	-999	%	20	130	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	13C2-8:2 FTSA (surr.)	67	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	13C2-PFUnDA (surr.)	70	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	13C5-PFNA (surr.)	68	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	13C8-PFOA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	18O2-PFHxS (surr.)	69	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	Toluene-d8 (surr.)	57	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	D5-N-EtFOSAA (surr.)	61	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	56	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	57	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	D3-N-MeFOSA (surr.)	49	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	D5-N-EtFOSA (surr.)	41	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	D7-N-MeFOSE (surr.)	66	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0.1	8/11/2021	D9-N-EtFOSE (surr.)	62	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	13C2-PFDoDA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	13C2-PFTeDA (surr.)	142	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	Toluene-d8 (surr.)	60	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	D5-N-EtFOSAA (surr.)	66	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	4-Bromofluorobenzene (surr.)	60	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	D3-N-MeFOSAA (surr.)	64	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	D3-N-MeFOSA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP103_0	8/11/2021	D5-N-EtFOSA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	109	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0.1	8/11/2021	Toluene-d8 (surr.)	65	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	64	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0.1	8/11/2021	D3-N-MeFOSA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0	8/11/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0	8/11/2021	D5-N-EtFOSAA (surr.)	66	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP102_0	8/11/2021	D3-N-MeFOSAA (surr.)	51	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0.1	8/11/2021	13C2-6:2 FTSA (surr.)	70	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0.1	8/11/2021	Toluene-d8 (surr.)	72	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0.1	8/11/2021	D5-N-EtFOSAA (surr.)	69	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	13C2-6:2 FTSA (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	Toluene-d8 (surr.)	73	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	D5-N-EtFOSAA (surr.)	59	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	D3-N-MeFOSAA (surr.)	57	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP93_0	8/11/2021	D3-N-MeFOSA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0.1	8/11/2021	Toluene-d8 (surr.)	70	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	66	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0.1	8/11/2021	D3-N-MeFOSA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	Toluene-d8 (surr.)	74	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	4-Bromofluorobenzene (surr.)	64	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP94_0	8/11/2021	D3-N-MeFOSA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0.1	8/11/2021	13C2-PFTeDA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0.1	8/11/2021	Toluene-d8 (surr.)	67	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	59	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0	8/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0	8/11/2021	13C2-PFTeDA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0	8/11/2021	Toluene-d8 (surr.)	68	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0	8/11/2021	D5-N-EtFOSAA (surr.)	60	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0	8/11/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP95_0	8/11/2021	D3-N-MeFOSAA (surr.)	58	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	13C2-PFTeDA (surr.)	133	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	p-Terphenyl-d14 (surr.)	128	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	Dibutylchlorendate (surr.)	141	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	Toluene-d8 (surr.)	63	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	2-Fluorobiphenyl (surr.)	128	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	56	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	D3-N-MeFOSA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.1	8/11/2021	D5-N-EtFOSA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.2	8/11/2021	Triphenylphosphate (surr.)	129	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.2	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.2	8/11/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.2	8/11/2021	13C2-PFDoDA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.2	8/11/2021	Dibutylchlorendate (surr.)	126	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP117_0.2	8/11/2021	4-Bromofluorobenzene (surr.)	72	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	133	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0.1	8/11/2021	D3-N-MeFOSA (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0	8/11/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0	8/11/2021	13C2-PFDoDA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0	8/11/2021	13C3-PFBS (surr.)	129	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP111_0	8/11/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0.1	8/11/2021	13C2-PFDoDA (surr.)	126	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0.1	8/11/2021	13C2-PFTeDA (surr.)	145	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0.1	8/11/2021	Toluene-d8 (surr.)	68	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	59	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0	8/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0	8/11/2021	Toluene-d8 (surr.)	55	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0	8/11/2021	D5-N-EtFOSAA (surr.)	59	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0	8/11/2021	4-Bromofluorobenzene (surr.)	52	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP112_0	8/11/2021	D3-N-MeFOSAA (surr.)	55	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	80	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0.1	8/11/2021	D3-N-MeFOSA (surr.)	71	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0	8/11/2021	Triphenylphosphate (surr.)	132	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0	8/11/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0	8/11/2021	D5-N-EtFOSAA (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP113_0	8/11/2021	D3-N-MeFOSAA (surr.)	64	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0.1	8/11/2021	Triphenylphosphate (surr.)	142	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	82	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0.1	8/11/2021	Dibutylchlorendate (surr.)	134	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0.1	8/11/2021	D5-N-EtFOSAA (surr.)	68	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	Triphenylphosphate (surr.)	74	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	Phenol-d6 (surr.)	61	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	13C2-6:2 FTSA (surr.)	68	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	p-Terphenyl-d14 (surr.)	73	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	Dibutylchlorendate (surr.)	62	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	2-Fluorobiphenyl (surr.)	73	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	Nitrobenzene-d5 (surr.)	55	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	Tetrachloro-m-xylene (surr.)	67	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP126_0	8/11/2021	D3-N-MeFOSAA (surr.)	67	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0.1	8/11/2021	Triphenylphosphate (surr.)	142	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	88	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0.1	8/11/2021	p-Terphenyl-d14 (surr.)	133	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0.1	8/11/2021	Dibutylchlorendate (surr.)	137	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0.1	8/11/2021	2-Fluorobiphenyl (surr.)	127	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0.1	8/11/2021	D3-N-MeFOSAA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	Triphenylphosphate (surr.)	126	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	Dibutylchlorendate (surr.)	130	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	Toluene-d8 (surr.)	72	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	D5-N-EtFOSAA (surr.)	58	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	4-Bromofluorobenzene (surr.)	71	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP122_0	8/11/2021	D3-N-MeFOSAA (surr.)	59	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0.1	8/11/2021	Toluene-d8 (surr.)	73	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0.1	8/11/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	Triphenylphosphate (surr.)	127	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	2.4.6-Tribromophenol (surr.)	51	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	13C2-10:2 FTSA (surr.)	98	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	13C2-PFDoDA (surr.)	138	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	13C5-PFNA (surr.)	137	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	13C6-PFDA (surr.)	135	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	D3-N-MeFOSAA (surr.)	73	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP121_0	8/11/2021	D5-N-EtFOSA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	2.4.6-Tribromophenol (surr.)	91	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	Phenol-d6 (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	13C2-4:2 FTSA (surr.)	126	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	13C2-PFUnDA (surr.)	133	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	13C5-PFNA (surr.)	144	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	13C6-PFDA (surr.)	139	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	13C8-PFOA (surr.)	128	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	p-Terphenyl-d14 (surr.)	138	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	Toluene-d8 (surr.)	58	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	2-Fluorobiphenyl (surr.)	137	%	30	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	Nitrobenzene-d5 (surr.)	131	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	4-Bromofluorobenzene (surr.)	52	%	50	150	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0.1	8/11/2021	D5-N-EtFOSA (surr.)	130	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0	8/11/2021	2.4.6-Tribromophenol (surr.)	58	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0	8/11/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0	8/11/2021	13C5-PFNA (surr.)	127	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0	8/11/2021	13C8-FOSA (surr.)	71	%	20	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0	8/11/2021	Toluene-d8 (surr.)	72	%	70	130	
11 Nov 2021	841164	Normal	SOIL	AI_TP127_0	8/11/2021	4-Bromofluorobenzene (surr.)	64	%	50	150	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	Triphenylphosphate (surr.)	147	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	2.4.6-Tribromophenol (surr.)	67	%	0	0	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	p-Terphenyl-d14 (surr.)	149	%	30	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	Dibutylchlorendate (surr.)	131	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	Toluene-d8 (surr.)	73	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	2-Fluorobiphenyl (surr.)	133	%	30	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	Nitrobenzene-d5 (surr.)	128	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	Tetrachloro-m-xylene (surr.)	135	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	D3-N-MeFOSA (surr.)	74	%	20	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D01	8/11/2021	D5-N-EtFOSA (surr.)	71	%	20	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	Triphenylphosphate (surr.)	136	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	p-Terphenyl-d14 (surr.)	142	%	30	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	Toluene-d8 (surr.)	71	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	2-Fluorobiphenyl (surr.)	130	%	30	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	Nitrobenzene-d5 (surr.)	134	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	4-Bromofluorobenzene (surr.)	66	%	50	150	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	Tetrachloro-m-xylene (surr.)	130	%	70	130	
11 Nov 2021	841164	Field_D	SOIL	AI_20211108_D02	8/11/2021	D3-N-MeFOSA (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	54	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.1	15/11/2021	Phenol-d6 (surr.)	142	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.1	15/11/2021	13C2-PFTeDA (surr.)	130	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.1	15/11/2021	p-Terphenyl-d14 (surr.)	132	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.1	15/11/2021	Toluene-d8 (surr.)	72	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	133	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP85_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP85_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP85_0.3	15/11/2021	13C2-PFUnDA (surr.)	133	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP85_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	71	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP85_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	80	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	67	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.1	15/11/2021	D5-N-EtFOSAA (surr.)	71	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.1	15/11/2021	D7-N-MeFOSE (surr.)	73	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	13C2-PFUnDA (surr.)	131	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	13C2-PFTeDA (surr.)	126	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	Toluene-d8 (surr.)	67	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	66	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	4-Bromofluorobenzene (surr.)	71	%	50	150	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.1	15/11/2021	D3-N-MeFOSAA (surr.)	73	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP82_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP82_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP82_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	67	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	Phenol-d6 (surr.)	51	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	70	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	13C2-4:2 FTSA (surr.)	150	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	13C2-6:2 FTSA (surr.)	181	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	p-Terphenyl-d14 (surr.)	53	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	56	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	56	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	D5-N-EtFOSA (surr.)	69	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	D7-N-MeFOSE (surr.)	71	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.1	15/11/2021	D9-N-EtFOSE (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	Phenol-d6 (surr.)	51	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	13C2-4:2 FTSA (surr.)	128	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	p-Terphenyl-d14 (surr.)	64	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	64	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	66	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.1	15/11/2021	D5-N-EtFOSA (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	74	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	76	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.1	15/11/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.1	15/11/2021	13C2-PFUnDA (surr.)	131	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.1	15/11/2021	13C2-PFTeDA (surr.)	132	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	71	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	63	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.1	15/11/2021	D5-N-EtFOSA (surr.)	73	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	66	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	13C2-4:2 FTSA (surr.)	139	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	13C8-FOSA (surr.)	68	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	13C8-PFOS (surr.)	68	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	D5-N-EtFOSAA (surr.)	59	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	D3-N-MeFOSA (surr.)	60	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	D5-N-EtFOSA (surr.)	60	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	D7-N-MeFOSE (surr.)	71	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.1	15/11/2021	D9-N-EtFOSE (surr.)	59	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.3	15/11/2021	Phenol-d6 (surr.)	52	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	80	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.3	15/11/2021	13C2-PFTeDA (surr.)	135	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.3	15/11/2021	13C6-PFDA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	59	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	71	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	82	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.1	15/11/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.1	15/11/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.1	15/11/2021	p-Terphenyl-d14 (surr.)	126	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	127	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	82	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	13C2-6:2 FTSA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	13C2-PFTeDA (surr.)	129	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	63	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	50	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP96_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	45	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	77	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	69	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP84_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	69	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	72	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	13C8-FOSA (surr.)	73	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	13C8-PFOS (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	64	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	73	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	D5-N-EtFOSA (surr.)	66	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP83_0.3	15/11/2021	D7-N-MeFOSE (surr.)	71	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP82_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP82_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP82_0.3	15/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP82_0.3	15/11/2021	13C6-PFDA (surr.)	135	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211116-D01	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Field_D	SOIL	AI_20211116-D01	15/11/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
16 Nov 2021	842812	Field_D	SOIL	AI_20211116-D01	15/11/2021	13C2-PFUnDA (surr.)	126	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211116-D01	15/11/2021	Toluene-d8 (surr.)	69	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	83	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.3	15/11/2021	13C2-PFTeDA (surr.)	126	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	Triphenylphosphate (surr.)	71	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	Phenol-d6 (surr.)	69	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	77	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	13C2-4:2 FTSA (surr.)	135	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	13C2-PFTeDA (surr.)	130	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	13C6-PFDA (surr.)	129	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	67	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	Dibutylchlorendate (surr.)	58	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	Toluene-d8 (surr.)	71	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	74	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	62	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	72	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP107_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	58	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	Triphenylphosphate (surr.)	61	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	Phenol-d6 (surr.)	56	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	64	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	13C8-FOSA (surr.)	71	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	13C8-PFOS (surr.)	67	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	52	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	Dibutylchlorendate (surr.)	66	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	18O2-PFHxS (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	53	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	69	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	61	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	55	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	61	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	D3-N-MeFOSA (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	D5-N-EtFOSA (surr.)	63	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	D7-N-MeFOSE (surr.)	69	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP109_0.3	15/11/2021	D9-N-EtFOSE (surr.)	70	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	Triphenylphosphate (surr.)	68	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	Phenol-d6 (surr.)	61	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	13C2-4:2 FTSA (surr.)	154	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	13C2-PFTeDA (surr.)	131	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	59	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	62	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	70	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP110_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	65	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	Triphenylphosphate (surr.)	69	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	Phenol-d6 (surr.)	64	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	77	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	60	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	Toluene-d8 (surr.)	72	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	69	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	72	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP99_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	63	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.3	15/11/2021	Triphenylphosphate (surr.)	127	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	84	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.3	15/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.3	15/11/2021	13C2-PFTeDA (surr.)	138	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP100_0.3	15/11/2021	13C6-PFDA (surr.)	128	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	Triphenylphosphate (surr.)	71	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	Phenol-d6 (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	60	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	Toluene-d8 (surr.)	74	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	70	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	46	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	71	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	64	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP101_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	39	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	Triphenylphosphate (surr.)	72	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	Phenol-d6 (surr.)	69	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	13C2-10:2 FTSA (surr.)	80	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	13C2-6:2 FTSA (surr.)	134	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	p-Terphenyl-d14 (surr.)	65	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	Toluene-d8 (surr.)	68	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	2-Fluorobiphenyl (surr.)	69	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	Nitrobenzene-d5 (surr.)	69	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP92_0.5	15/11/2021	Tetrachloro-m-xylene (surr.)	67	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	Phenol-d6 (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	62	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	Toluene-d8 (surr.)	74	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	68	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	66	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP91_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	69	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.3	15/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.3	15/11/2021	13C2-PFUnDA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	132	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	139	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP90_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	131	%	70	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D01	15/11/2021	Triphenylphosphate (surr.)	148	%	70	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D01	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D01	15/11/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D01	15/11/2021	13C2-PFDoDA (surr.)	138	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D01	15/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D01	15/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D01	15/11/2021	Toluene-d8 (surr.)	69	%	70	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D02	15/11/2021	Triphenylphosphate (surr.)	145	%	70	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D02	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D02	15/11/2021	13C2-10:2 FTSA (surr.)	74	%	0	0	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D02	15/11/2021	13C2-PFUnDA (surr.)	126	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D02	15/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D02	15/11/2021	Nitrobenzene-d5 (surr.)	133	%	70	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D03	15/11/2021	13C2-10:2 FTSA (surr.)	78	%	0	0	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D03	15/11/2021	13C2-4:2 FTSA (surr.)	132	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D03	15/11/2021	13C2-6:2 FTSA (surr.)	127	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D03	15/11/2021	13C2-8:2 FTSA (surr.)	71	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D03	15/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_D03	15/11/2021	D5-N-EtFOSA (surr.)	74	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	13C2-10:2 FTSA (surr.)	69	%	0	0	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	13C4-PFHpA (surr.)	73	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	D5-N-EtFOSAA (surr.)	70	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	Nitrobenzene-d5 (surr.)	136	%	70	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T02	15/11/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T03	15/11/2021	13C2-10:2 FTSA (surr.)	78	%	0	0	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T03	15/11/2021	13C2-4:2 FTSA (surr.)	129	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T03	15/11/2021	13C2-6:2 FTSA (surr.)	126	%	20	130	
16 Nov 2021	842812	Field_D	SOIL	AI_20211115_T03	15/11/2021	D5-N-EtFOSA (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	Phenol-d6 (surr.)	56	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	82	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	13C2-PFUnDA (surr.)	136	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	13C2-PFTeDA (surr.)	139	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	13C6-PFDA (surr.)	126	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	58	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	Dibutylchlorendate (surr.)	65	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	55	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	52	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	56	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	Phenol-d6 (surr.)	62	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	13C2-4:2 FTSA (surr.)	134	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	13C2-PFUnDA (surr.)	130	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	13C2-PFTeDA (surr.)	126	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	p-Terphenyl-d14 (surr.)	60	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	63	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP78_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	64	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	Phenol-d6 (surr.)	62	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	13C2-4:2 FTSA (surr.)	138	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	13C2-PFDoDA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	13C2-PFUnDA (surr.)	139	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	13C2-PFTeDA (surr.)	134	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	13C3-PFBS (surr.)	126	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	61	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	Dibutylchlorendate (surr.)	71	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	66	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	65	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	67	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	61	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	Phenol-d6 (surr.)	67	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	77	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	13C6-PFDA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	p-Terphenyl-d14 (surr.)	61	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	Toluene-d8 (surr.)	138	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	70	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP88_0.1	15/11/2021	4-Bromofluorobenzene (surr.)	148	%	50	150	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	Triphenylphosphate (surr.)	68	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	Phenol-d6 (surr.)	53	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	71	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C2-8:2 FTSA (surr.)	52	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C2-PFUnDA (surr.)	147	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C2-PFTeDA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C3-PFBS (surr.)	148	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C5-PFNA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C5-PFPeA (surr.)	137	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	13C6-PFDA (surr.)	133	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	p-Terphenyl-d14 (surr.)	51	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	Dibutylchlorendate (surr.)	57	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	18O2-PFHxS (surr.)	132	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	55	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	60	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	51	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	Tetrachloro-m-xylene (surr.)	50	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	67	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	D3-N-MeFOSA (surr.)	128	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	D5-N-EtFOSA (surr.)	163	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.3	15/11/2021	D7-N-MeFOSE (surr.)	166	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	Phenol-d6 (surr.)	65	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	13C2-4:2 FTSA (surr.)	152	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	13C2-6:2 FTSA (surr.)	135	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	13C2-PFUnDA (surr.)	127	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	13C2-PFTeDA (surr.)	138	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	p-Terphenyl-d14 (surr.)	63	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP98_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	66	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	13C2-10:2 FTSA (surr.)	58	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	13C8-PFOS (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	Dibutylchlorendate (surr.)	146	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	Toluene-d8 (surr.)	73	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	2-Fluorobiphenyl (surr.)	126	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	D5-N-EtFOSAA (surr.)	62	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	Nitrobenzene-d5 (surr.)	130	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.3	15/11/2021	D3-N-MeFOSAA (surr.)	52	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	65	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	13C2-8:2 FTSA (surr.)	56	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	13C4-PFHpA (surr.)	72	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	13C5-PFHxA (surr.)	73	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	2-Fluorobiphenyl (surr.)	130	%	30	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	D5-N-EtFOSAA (surr.)	53	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	Nitrobenzene-d5 (surr.)	134	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	D3-N-MeFOSAA (surr.)	59	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP115_0.1	15/11/2021	D9-N-EtFOSE (surr.)	63	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	Triphenylphosphate (surr.)	146	%	70	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	78	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C2-6:2 FTSA (surr.)	74	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C2-8:2 FTSA (surr.)	54	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C2-PFUnDA (surr.)	135	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C3-PFBS (surr.)	145	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C5-PFNA (surr.)	128	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C5-PFPeA (surr.)	143	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	13C6-PFDA (surr.)	128	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	18O2-PFHxS (surr.)	130	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	D5-N-EtFOSAA (surr.)	63	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	D3-N-MeFOSAA (surr.)	68	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP116_0.1	15/11/2021	D5-N-EtFOSA (surr.)	150	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	13C2-10:2 FTSA (surr.)	64	%	0	0	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	13C2-8:2 FTSA (surr.)	44	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	13C2-PFUnDA (surr.)	132	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	13C3-PFBS (surr.)	137	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	13C5-PFPeA (surr.)	140	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	D5-N-EtFOSAA (surr.)	57	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	D5-N-EtFOSA (surr.)	145	%	20	130	
16 Nov 2021	842812	Normal	SOIL	AI_TP89_0.1	15/11/2021	D9-N-EtFOSE (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP54_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	111	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP54_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP54_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	81	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP54_0.5	25/10/2021	Phenol-d6 (surr.)	129	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP54_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	82	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP54_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP51_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	109	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP51_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	98	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP51_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP51_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	91	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP51_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.05	25/10/2021	2.4.6-Tribromophenol (surr.)	79	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.05	25/10/2021	Phenol-d6 (surr.)	130	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.05	25/10/2021	13C2-10:2 FTSA (surr.)	146	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.05	25/10/2021	13C2-8:2 FTSA (surr.)	145	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.5	25/10/2021	Dibutylchlorendate (surr.)	69	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	113	%	0	0	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.5	25/10/2021	Phenol-d6 (surr.)	135	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	77	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	52	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP50_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	47	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP49_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	114	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP49_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	123	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP49_0.5	25/10/2021	2,4,6-Tribromophenol (surr.)	99	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP49_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	82	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP49_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP49_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	69	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP48_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	104	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP48_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	186	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP48_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	185	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP48_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	136	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP48_0.1	25/10/2021	D7-N-MeFOSE (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP48_0.5	25/10/2021	2,4,6-Tribromophenol (surr.)	101	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP48_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP47_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP47_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP47_0.1	25/10/2021	Dibutylchlorendate (surr.)	60	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP47_0.4	25/10/2021	2,4,6-Tribromophenol (surr.)	97	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP47_0.4	25/10/2021	13C2-10:2 FTSA (surr.)	84	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP47_0.4	25/10/2021	4-Bromofluorobenzene (surr.)	72	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP42_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	62	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP42_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP42_0.3	25/10/2021	2,4,6-Tribromophenol (surr.)	81	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP42_0.3	25/10/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP42_0.3	25/10/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	110	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	13C2-4:2 FTSA (surr.)	138	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	147	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	192	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	13C2-PFTeDA (surr.)	126	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	167	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	142	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.4	25/10/2021	2,4,6-Tribromophenol (surr.)	137	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.4	25/10/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.4	25/10/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP43_0.4	25/10/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	13C2-4:2 FTSA (surr.)	157	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	197	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	-999	%	20	130	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	13C2-PFTeDA (surr.)	127	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	160	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	143	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.5	25/10/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	107	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	128	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	132	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.5	25/10/2021	Toluene-d8 (surr.)	71	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP44_0.5	25/10/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	141	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	13C2-4:2 FTSA (surr.)	-999	%	20	130	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	-999	%	20	130	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	-999	%	20	130	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	13C2-PFTeDA (surr.)	137	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	Toluene-d8 (surr.)	63	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	172	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	55	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	157	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	Triphenylphosphate (surr.)	145	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	13C2-10:2 FTSA (surr.)	115	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	13C2-PFTeDA (surr.)	139	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	p-Terphenyl-d14 (surr.)	143	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	Dibutylchlorendate (surr.)	138	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	Toluene-d8 (surr.)	52	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	Nitrobenzene-d5 (surr.)	134	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP45_0.4	25/10/2021	4-Bromofluorobenzene (surr.)	59	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	121	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.3	25/10/2021	2,4,6-Tribromophenol (surr.)	147	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.3	25/10/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.3	25/10/2021	13C2-8:2 FTSA (surr.)	130	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.3	25/10/2021	13C5-PFPeA (surr.)	126	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.3	25/10/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP37_0.3	25/10/2021	D3-N-MeFOSAA (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP31_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	107	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP31_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP31_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	71	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP31_0.4	25/10/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP31_0.4	25/10/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP31_0.4	25/10/2021	Toluene-d8 (surr.)	57	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP31_0.4	25/10/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	112	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.1	25/10/2021	Toluene-d8 (surr.)	65	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	60	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.4	25/10/2021	2,4,6-Tribromophenol (surr.)	103	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.4	25/10/2021	13C2-10:2 FTSA (surr.)	79	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.4	25/10/2021	Toluene-d8 (surr.)	57	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP32_0.4	25/10/2021	4-Bromofluorobenzene (surr.)	61	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP63_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	114	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP63_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	105	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP63_0.5	25/10/2021	2,4,6-Tribromophenol (surr.)	120	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP63_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP63_0.5	25/10/2021	13C5-PFPeA (surr.)	128	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP63_0.5	25/10/2021	2-Fluorobiphenyl (surr.)	128	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	127	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	131	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	139	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.1	25/10/2021	Toluene-d8 (surr.)	68	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.1	25/10/2021	2-Fluorobiphenyl (surr.)	129	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	134	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	65	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.5	25/10/2021	2,4,6-Tribromophenol (surr.)	119	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	65	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	69	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP55_0.5	25/10/2021	4-Bromofluorobenzene (surr.)	69	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	138	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	102	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	13C2-PFDoDA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	13C2-PFUnDA (surr.)	38	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	13C8-FOSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	Toluene-d8 (surr.)	73	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	45	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	D7-N-MeFOSE (surr.)	68	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.1	25/10/2021	D9-N-EtFOSE (surr.)	67	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.5	25/10/2021	2,4,6-Tribromophenol (surr.)	130	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	79	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.5	25/10/2021	2-Fluorobiphenyl (surr.)	135	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP56_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	131	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	113	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.1	25/10/2021	13C2-PFUnDA (surr.)	53	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	70	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	61	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.1	25/10/2021	D7-N-MeFOSE (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.1	25/10/2021	D9-N-EtFOSE (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	2,4,6-Tribromophenol (surr.)	107	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	Phenol-d6 (surr.)	141	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	65	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	68	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	p-Terphenyl-d14 (surr.)	146	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	2-Fluorobiphenyl (surr.)	134	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP64_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	2,4,6-Tribromophenol (surr.)	97	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	Phenol-d6 (surr.)	138	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	85	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	13C2-PFUnDA (surr.)	45	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	13C8-FOSA (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	144	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	2-Fluorobiphenyl (surr.)	134	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	D7-N-MeFOSE (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.1	25/10/2021	D9-N-EtFOSE (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	99	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	Phenol-d6 (surr.)	129	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	68	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	p-Terphenyl-d14 (surr.)	134	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	61	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP65_0.5	25/10/2021	D9-N-EtFOSE (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	99	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	Phenol-d6 (surr.)	138	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	120	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	13C2-PFUnDA (surr.)	65	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	143	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	2-Fluorobiphenyl (surr.)	132	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.1	25/10/2021	D9-N-EtFOSE (surr.)	67	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	99	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	Phenol-d6 (surr.)	136	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	84	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	59	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	13C2-PFUnDA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	13C8-FOSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	p-Terphenyl-d14 (surr.)	143	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	2-Fluorobiphenyl (surr.)	137	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	68	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	60	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP57_0.5	25/10/2021	D9-N-EtFOSE (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	112	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	159	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.1	25/10/2021	13C2-PFUnDA (surr.)	38	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	130	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	49	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.1	25/10/2021	D9-N-EtFOSE (surr.)	69	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	104	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	61	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	13C2-PFUnDA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	18O2-PFHxS (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	D7-N-MeFOSE (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP59_0.5	25/10/2021	D9-N-EtFOSE (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	112	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	Phenol-d6 (surr.)	130	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	71	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	43	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	13C2-PFDoDA (surr.)	43	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	13C2-PFUnDA (surr.)	14	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	13C2-PFTeDA (surr.)	62	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	13C6-PFDA (surr.)	57	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	13C8-FOSA (surr.)	53	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	127	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	2-Fluorobiphenyl (surr.)	129	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	29	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	13	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	D5-N-EtFOSA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	D7-N-MeFOSE (surr.)	50	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.1	25/10/2021	D9-N-EtFOSE (surr.)	54	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	87	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	83	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	65	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	68	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	65	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	13C2-PFDoDA (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	13C2-PFUnDA (surr.)	61	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	p-Terphenyl-d14 (surr.)	129	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	53	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	D7-N-MeFOSE (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP60_0.5	25/10/2021	D9-N-EtFOSE (surr.)	67	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	113	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	Phenol-d6 (surr.)	132	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	13C2-PFDoDA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	13C2-PFUnDA (surr.)	30	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	13C6-PFDA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	13C8-FOSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	139	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	2-Fluorobiphenyl (surr.)	133	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	38	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	D7-N-MeFOSE (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.1	25/10/2021	D9-N-EtFOSE (surr.)	61	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	104	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	Phenol-d6 (surr.)	134	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	69	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	13C2-PFUnDA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	13C8-FOSA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	p-Terphenyl-d14 (surr.)	137	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	2-Fluorobiphenyl (surr.)	133	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	48	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP61_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	51	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	108	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	Phenol-d6 (surr.)	126	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	104	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	62	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	13C2-PFDoDA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	13C2-PFUnDA (surr.)	52	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	13C8-FOSA (surr.)	73	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	129	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	46	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	D7-N-MeFOSE (surr.)	68	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.1	25/10/2021	D9-N-EtFOSE (surr.)	67	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	Triphenylphosphate (surr.)	126	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	120	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	Phenol-d6 (surr.)	145	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	78	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	62	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	13C8-FOSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	p-Terphenyl-d14 (surr.)	148	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	2-Fluorobiphenyl (surr.)	143	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP62_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	Triphenylphosphate (surr.)	135	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	148	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	Phenol-d6 (surr.)	-999	%	20	130	INT
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	112	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	13C2-8:2 FTSA (surr.)	69	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	13C2-PFDoDA (surr.)	64	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	13C2-PFUnDA (surr.)	24	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	13C8-FOSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	133	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	Dibutylchlorendate (surr.)	126	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	2-Fluorobiphenyl (surr.)	144	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	D5-N-EtFOSAA (surr.)	58	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	28	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	D7-N-MeFOSE (surr.)	63	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.1	25/10/2021	D9-N-EtFOSE (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	2.4.6-Tribromophenol (surr.)	111	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	13C2-10:2 FTSA (surr.)	80	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	13C2-4:2 FTSA (surr.)	58	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	13C2-6:2 FTSA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	13C2-8:2 FTSA (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	13C2-PFDoDA (surr.)	65	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	13C2-PFUnDA (surr.)	69	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	13C4-PFBA (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	D5-N-EtFOSAA (surr.)	66	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	D3-N-MeFOSAA (surr.)	64	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP52_0.5	25/10/2021	D9-N-EtFOSE (surr.)	71	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	2.4.6-Tribromophenol (surr.)	105	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	Phenol-d6 (surr.)	136	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	13C2-PFUnDA (surr.)	70	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	p-Terphenyl-d14 (surr.)	141	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	Toluene-d8 (surr.)	72	%	70	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	2-Fluorobiphenyl (surr.)	135	%	30	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	4-Bromofluorobenzene (surr.)	74	%	50	150	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	D3-N-MeFOSAA (surr.)	54	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	D7-N-MeFOSE (surr.)	74	%	20	130	
26 Oct 2021	835522	Normal	SOIL	AI_1B_TP53_0.1	25/10/2021	D9-N-EtFOSE (surr.)	66	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	2.4.6-Tribromophenol (surr.)	101	%	0	0	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	Phenol-d6 (surr.)	135	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	13C2-10:2 FTSA (surr.)	126	%	0	0	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	13C2-PFDoDA (surr.)	72	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	13C2-PFUnDA (surr.)	40	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	13C8-FOSA (surr.)	72	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	p-Terphenyl-d14 (surr.)	135	%	30	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	2-Fluorobiphenyl (surr.)	133	%	30	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	D3-N-MeFOSAA (surr.)	41	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	D7-N-MeFOSE (surr.)	67	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D01	25/10/2021	D9-N-EtFOSE (surr.)	74	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D02	25/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D02	25/10/2021	13C2-10:2 FTSA (surr.)	76	%	0	0	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D02	25/10/2021	13C2-6:2 FTSA (surr.)	54	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D02	25/10/2021	13C2-PFUnDA (surr.)	72	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D02	25/10/2021	13C6-PFDA (surr.)	70	%	20	130	
26 Oct 2021	835522	Field_D	SOIL	AI_1B_20211025_D02	25/10/2021	D7-N-MeFOSE (surr.)	69	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	Phenol-d6 (surr.)	64	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	13C2-8:2 FTSA (surr.)	68	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	13C2-PFTeDA (surr.)	71	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	13C8-PFOA (surr.)	130	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	D5-N-EtFOSAA (surr.)	71	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	Nitrobenzene-d5 (surr.)	141	%	70	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	D3-N-MeFOSAA (surr.)	58	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	D3-N-MeFOSA (surr.)	73	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	D5-N-EtFOSA (surr.)	62	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	D7-N-MeFOSE (surr.)	51	%	20	130	
26 Oct 2021	835522	Rinsate	WATER	AI_1B_20211025_R01	25/10/2021	D9-N-EtFOSE (surr.)	46	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP20_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP20_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP20_0.1	27/10/2021	Toluene-d8 (surr.)	55	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP20_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	53	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP20_0.4	27/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP20_0.4	27/10/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP20_0.4	27/10/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	53	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	147	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	149	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	134	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.4	27/10/2021	2.4.6-Tribromophenol (surr.)	55	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.4	27/10/2021	13C2-10:2 FTSA (surr.)	92	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.4	27/10/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP15_0.4	27/10/2021	D3-N-MeFOSAA (surr.)	70	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	123	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	152	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.1	27/10/2021	Toluene-d8 (surr.)	73	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	61	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.4	27/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.4	27/10/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.4	27/10/2021	Toluene-d8 (surr.)	137	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.4	27/10/2021	D5-N-EtFOSAA (surr.)	65	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP16_0.4	27/10/2021	D3-N-MeFOSAA (surr.)	63	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	84	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	115	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	136	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.1	27/10/2021	Toluene-d8 (surr.)	66	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.4	27/10/2021	2.4.6-Tribromophenol (surr.)	50	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.4	27/10/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.4	27/10/2021	Dibutylchlorendate (surr.)	74	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.4	27/10/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.4	27/10/2021	4-Bromofluorobenzene (surr.)	73	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP17_0.4	27/10/2021	D3-N-MeFOSAA (surr.)	69	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP18_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	108	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP18_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	129	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP18_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	138	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP18_0.4	27/10/2021	2.4.6-Tribromophenol (surr.)	102	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP18_0.4	27/10/2021	Toluene-d8 (surr.)	69	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP18_0.4	27/10/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	95	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.1	27/10/2021	Phenol-d6 (surr.)	129	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	107	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	133	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	104	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	98	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	65	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP12_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	59	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	Triphenylphosphate (surr.)	138	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	105	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	Phenol-d6 (surr.)	145	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	110	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	142	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	p-Terphenyl-d14 (surr.)	136	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	Toluene-d8 (surr.)	65	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	2-Fluorobiphenyl (surr.)	135	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	101	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	Phenol-d6 (surr.)	134	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	Toluene-d8 (surr.)	51	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	71	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	137	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	60	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP11_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	64	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	Triphenylphosphate (surr.)	128	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	100	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	Phenol-d6 (surr.)	135	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	110	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	134	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	Toluene-d8 (surr.)	55	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	2-Fluorobiphenyl (surr.)	126	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	131	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	141	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	53	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	Triphenylphosphate (surr.)	132	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	92	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	Phenol-d6 (surr.)	145	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	p-Terphenyl-d14 (surr.)	131	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	Toluene-d8 (surr.)	51	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	2-Fluorobiphenyl (surr.)	132	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	67	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	149	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	56	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP10_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	59	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	103	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	Phenol-d6 (surr.)	135	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	114	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	132	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	Toluene-d8 (surr.)	60	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	2-Fluorobiphenyl (surr.)	128	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	126	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	145	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	65	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.3	27/10/2021	Triphenylphosphate (surr.)	129	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	68	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.3	27/10/2021	Phenol-d6 (surr.)	134	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.3	27/10/2021	p-Terphenyl-d14 (surr.)	129	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.3	27/10/2021	2-Fluorobiphenyl (surr.)	127	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP09_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	144	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	87	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.1	27/10/2021	Phenol-d6 (surr.)	130	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	105	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.1	27/10/2021	Toluene-d8 (surr.)	66	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	141	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	71	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	Triphenylphosphate (surr.)	128	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	100	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	Phenol-d6 (surr.)	135	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	91	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	p-Terphenyl-d14 (surr.)	126	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	Toluene-d8 (surr.)	-999	%	70	130	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	2-Fluorobiphenyl (surr.)	129	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	145	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	-999	%	50	150	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP13_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	74	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	113	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.1	27/10/2021	Toluene-d8 (surr.)	-999	%	70	130	INT

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	135	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	-999	%	50	150	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.1	27/10/2021	D7-N-MeFOSE (surr.)	72	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	Triphenylphosphate (surr.)	134	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	101	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	Phenol-d6 (surr.)	143	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	84	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	p-Terphenyl-d14 (surr.)	130	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	Toluene-d8 (surr.)	51	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	2-Fluorobiphenyl (surr.)	130	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	67	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	52	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP06_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	65	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	87	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	118	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.1	27/10/2021	Toluene-d8 (surr.)	56	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	127	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	57	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	93	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	Phenol-d6 (surr.)	136	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	86	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	Toluene-d8 (surr.)	63	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	57	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	143	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	68	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	55	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	D7-N-MeFOSE (surr.)	73	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP04_0.3	27/10/2021	D9-N-EtFOSE (surr.)	74	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	89	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	Phenol-d6 (surr.)	132	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	197	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	13C2-6:2 FTSA (surr.)	132	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	183	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	p-Terphenyl-d14 (surr.)	140	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	Toluene-d8 (surr.)	73	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	2-Fluorobiphenyl (surr.)	134	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	132	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	D3-N-MeFOSAA (surr.)	136	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	D5-N-EtFOSA (surr.)	74	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	D7-N-MeFOSE (surr.)	73	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.1	27/10/2021	D9-N-EtFOSE (surr.)	70	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	124	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.3	27/10/2021	Phenol-d6 (surr.)	132	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	127	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.3	27/10/2021	13C2-8:2 FTSA (surr.)	132	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.3	27/10/2021	p-Terphenyl-d14 (surr.)	129	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP03_0.3	27/10/2021	2-Fluorobiphenyl (surr.)	131	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	Triphenylphosphate (surr.)	133	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	127	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	Phenol-d6 (surr.)	139	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	83	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	p-Terphenyl-d14 (surr.)	136	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	Toluene-d8 (surr.)	69	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	2-Fluorobiphenyl (surr.)	133	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	67	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	129	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	72	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP02_0.1	27/10/2021	D3-N-MeFOSAA (surr.)	63	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	127	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	119	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	136	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.1	27/10/2021	Toluene-d8 (surr.)	-999	%	70	130	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	133	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	-999	%	50	150	INT
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	123	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.3	27/10/2021	Phenol-d6 (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	64	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_1B_TP05_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	60	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP164_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	119	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP164_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	114	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP164_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	129	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP164_0.1	27/10/2021	Toluene-d8 (surr.)	129	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP164_0.4	27/10/2021	2.4.6-Tribromophenol (surr.)	101	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP164_0.4	27/10/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP164_0.4	27/10/2021	13C5-PFPeA (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP169_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	85	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP169_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	123	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP169_0.1	27/10/2021	Dibutylchlorendate (surr.)	68	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP169_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_TP169_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	100	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP169_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	103	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	135	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	143	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.1	27/10/2021	Toluene-d8 (surr.)	73	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	148	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	62	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	110	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	100	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP168_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	60	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	115	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	135	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	133	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.1	27/10/2021	Toluene-d8 (surr.)	67	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.1	27/10/2021	4-Bromofluorobenzene (surr.)	56	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	111	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.3	27/10/2021	Phenol-d6 (surr.)	143	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.3	27/10/2021	p-Terphenyl-d14 (surr.)	133	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.3	27/10/2021	2-Fluorobiphenyl (surr.)	129	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP163_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	126	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	109	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	143	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	143	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.1	27/10/2021	p-Terphenyl-d14 (surr.)	131	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	147	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	124	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.3	27/10/2021	Phenol-d6 (surr.)	135	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	108	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.3	27/10/2021	13C2-8:2 FTSA (surr.)	130	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP158_0.3	27/10/2021	13C5-PFPeA (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	93	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	-999	%	0	0	INT
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	13C2-4:2 FTSA (surr.)	166	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	13C2-6:2 FTSA (surr.)	193	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	-999	%	20	130	INT
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	13C2-PFTeDA (surr.)	72	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	13C8-FOSA (surr.)	63	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	Dibutylchlorendate (surr.)	70	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	141	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	D3-N-MeFOSA (surr.)	60	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	D5-N-EtFOSA (surr.)	62	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	D7-N-MeFOSE (surr.)	57	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.1	27/10/2021	D9-N-EtFOSE (surr.)	54	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	107	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.3	27/10/2021	Phenol-d6 (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP167_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	112	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP171_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	121	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP171_0.1	27/10/2021	Phenol-d6 (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP171_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	109	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP171_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	119	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP171_0.3	27/10/2021	Phenol-d6 (surr.)	136	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP171_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	120	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	120	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	144	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	117	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.3	27/10/2021	Phenol-d6 (surr.)	136	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.3	27/10/2021	Toluene-d8 (surr.)	70	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP172_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	61	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	117	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.1	27/10/2021	Phenol-d6 (surr.)	138	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	159	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	152	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.1	27/10/2021	p-Terphenyl-d14 (surr.)	126	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.1	27/10/2021	2-Fluorobiphenyl (surr.)	134	%	30	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	127	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	122	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.3	27/10/2021	Phenol-d6 (surr.)	134	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.3	27/10/2021	Toluene-d8 (surr.)	64	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.3	27/10/2021	4-Bromofluorobenzene (surr.)	60	%	50	150	
27 Oct 2021	836571	Normal	SOIL	AI_TP170_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	74	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	126	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	139	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	149	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	134	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.1	27/10/2021	D7-N-MeFOSE (surr.)	74	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	147	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.3	27/10/2021	Phenol-d6 (surr.)	128	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	98	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.3	27/10/2021	Toluene-d8 (surr.)	68	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP165_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	73	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.1	27/10/2021	2.4.6-Tribromophenol (surr.)	136	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.1	27/10/2021	13C2-10:2 FTSA (surr.)	163	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.1	27/10/2021	13C2-8:2 FTSA (surr.)	155	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.1	27/10/2021	D5-N-EtFOSAA (surr.)	144	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.1	27/10/2021	Nitrobenzene-d5 (surr.)	128	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.1	27/10/2021	D3-N-MeFOSAA (surr.)	130	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.3	27/10/2021	Triphenylphosphate (surr.)	139	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.3	27/10/2021	Phenol-d6 (surr.)	140	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.3	27/10/2021	D5-N-EtFOSAA (surr.)	67	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	150	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP166_0.3	27/10/2021	D3-N-MeFOSAA (surr.)	63	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP160_0.3	27/10/2021	Triphenylphosphate (surr.)	135	%	70	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP160_0.3	27/10/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
27 Oct 2021	836571	Normal	SOIL	AI_TP160_0.3	27/10/2021	Phenol-d6 (surr.)	126	%	20	130	
27 Oct 2021	836571	Normal	SOIL	AI_TP160_0.3	27/10/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
27 Oct 2021	836571	Normal	SOIL	AI_TP160_0.3	27/10/2021	Nitrobenzene-d5 (surr.)	143	%	70	130	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D01	27/10/2021	2.4.6-Tribromophenol (surr.)	121	%	0	0	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D01	27/10/2021	13C2-10:2 FTSA (surr.)	109	%	0	0	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D02	27/10/2021	2.4.6-Tribromophenol (surr.)	109	%	0	0	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D02	27/10/2021	Phenol-d6 (surr.)	131	%	20	130	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D02	27/10/2021	13C2-10:2 FTSA (surr.)	88	%	0	0	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D02	27/10/2021	D5-N-EtFOSAA (surr.)	67	%	20	130	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D02	27/10/2021	4-Bromofluorobenzene (surr.)	131	%	50	150	
27 Oct 2021	836571	Field_D	SOIL	AI_1B_20211027_D02	27/10/2021	D3-N-MeFOSAA (surr.)	66	%	20	130	
27 Oct 2021	836571	Trip_B	WATER	AI_TRIP BLANK	27/10/2021	4-Bromofluorobenzene (surr.)	129	%	50	150	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	2.4.6-Tribromophenol (surr.)	52	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	Phenol-d6 (surr.)	32	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	13C2-10:2 FTSA (surr.)	132	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	13C2-4:2 FTSA (surr.)	128	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	13C2-6:2 FTSA (surr.)	173	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	2-Fluorobiphenyl (surr.)	73	%	30	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW01	9/02/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	2.4.6-Tribromophenol (surr.)	67	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	Phenol-d6 (surr.)	50	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	13C2-10:2 FTSA (surr.)	192	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	13C2-4:2 FTSA (surr.)	150	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	13C2-6:2 FTSA (surr.)	130	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	p-Terphenyl-d14 (surr.)	128	%	30	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	D5-N-EtFOSAA (surr.)	130	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	Nitrobenzene-d5 (surr.)	135	%	70	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW03	9/02/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	2.4.6-Tribromophenol (surr.)	85	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	Phenol-d6 (surr.)	61	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	13C2-10:2 FTSA (surr.)	180	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	13C2-4:2 FTSA (surr.)	152	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	13C2-6:2 FTSA (surr.)	142	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	p-Terphenyl-d14 (surr.)	142	%	30	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	D5-N-EtFOSAA (surr.)	132	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW04	9/02/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	2.4.6-Tribromophenol (surr.)	61	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	Phenol-d6 (surr.)	46	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	13C2-10:2 FTSA (surr.)	131	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	13C2-4:2 FTSA (surr.)	146	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	13C2-6:2 FTSA (surr.)	141	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	13C2-PFDoDA (surr.)	127	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	2-Fluorobiphenyl (surr.)	74	%	30	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	D5-N-EtFOSAA (surr.)	144	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW05	9/02/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	2.4.6-Tribromophenol (surr.)	67	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	Phenol-d6 (surr.)	54	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	13C2-10:2 FTSA (surr.)	117	%	0	0	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	13C2-8:2 FTSA (surr.)	145	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	13C4-PFBA (surr.)	69	%	20	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	Nitrobenzene-d5 (surr.)	134	%	70	130	
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Normal	WATER	A1_1B_MW06	9/02/2022	D7-N-MeFOSE (surr.)	74	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE01	9/02/2022	13C2-10:2 FTSA (surr.)	114	%	0	0	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE01	9/02/2022	13C2-8:2 FTSA (surr.)	138	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE02	9/02/2022	13C2-10:2 FTSA (surr.)	186	%	0	0	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE02	9/02/2022	13C2-8:2 FTSA (surr.)	165	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE02	9/02/2022	D5-N-EtFOSAA (surr.)	145	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C2-10:2 FTSA (surr.)	88	%	0	0	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C2-4:2 FTSA (surr.)	182	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C2-6:2 FTSA (surr.)	136	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C2-PFDoDA (surr.)	63	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C2-PFUnDA (surr.)	37	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C2-PFTeDA (surr.)	70	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C6-PFDA (surr.)	74	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	13C8-FOSA (surr.)	48	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	D5-N-EtFOSAA (surr.)	64	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	D3-N-MeFOSAA (surr.)	46	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	D3-N-MeFOSA (surr.)	58	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	D5-N-EtFOSA (surr.)	65	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	D7-N-MeFOSE (surr.)	62	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE03	9/02/2022	D9-N-EtFOSE (surr.)	63	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE04	9/02/2022	13C2-10:2 FTSA (surr.)	85	%	0	0	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE04	9/02/2022	13C2-4:2 FTSA (surr.)	132	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE04	9/02/2022	13C2-6:2 FTSA (surr.)	139	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE04	9/02/2022	13C2-8:2 FTSA (surr.)	154	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE04	9/02/2022	13C2-PFUnDA (surr.)	74	%	20	130	
09 Feb 2022	861777	Normal	SOIL	A1_1B_SE04	9/02/2022	D3-N-MeFOSAA (surr.)	70	%	20	130	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	2.4.6-Tribromophenol (surr.)	75	%	0	0	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	Phenol-d6 (surr.)	55	%	20	130	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	13C2-10:2 FTSA (surr.)	102	%	0	0	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	13C2-4:2 FTSA (surr.)	143	%	20	130	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	13C2-6:2 FTSA (surr.)	135	%	20	130	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	D5-N-EtFOSAA (surr.)	127	%	20	130	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	Nitrobenzene-d5 (surr.)	148	%	70	130	
09 Feb 2022	861777	Field_D	WATER	20220209_D01	9/02/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Field_D	SOIL	20220209_D02	9/02/2022	13C2-10:2 FTSA (surr.)	104	%	0	0	
09 Feb 2022	861777	Field_D	SOIL	20220209_D02	9/02/2022	13C2-8:2 FTSA (surr.)	146	%	20	130	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	2.4.6-Tribromophenol (surr.)	76	%	0	0	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	Phenol-d6 (surr.)	35	%	20	130	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	13C2-10:2 FTSA (surr.)	115	%	0	0	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	13C2-4:2 FTSA (surr.)	132	%	20	130	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	13C2-6:2 FTSA (surr.)	133	%	20	130	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	p-Terphenyl-d14 (surr.)	128	%	30	130	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	Nitrobenzene-d5 (surr.)	147	%	70	130	
09 Feb 2022	861777	Rinsate	WATER	20220209_R01	9/02/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP01_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	82	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP01_0.1	15/02/2022	Phenol-d6 (surr.)	130	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP01_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	113	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP01_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	150	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP01_0.5	15/02/2022	2.4.6-Tribromophenol (surr.)	75	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP01_0.5	15/02/2022	13C2-10:2 FTSA (surr.)	94	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP01_0.5	15/02/2022	Nitrobenzene-d5 (surr.)	133	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	Triphenylphosphate (surr.)	128	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	117	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	Phenol-d6 (surr.)	148	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	100	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	p-Terphenyl-d14 (surr.)	132	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	Dibutylchlorendate (surr.)	137	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	2-Fluorobiphenyl (surr.)	145	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.1	15/02/2022	Tetrachloro-m-xylene (surr.)	145	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	72	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	130	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.4	15/02/2022	13C2-8:2 FTSA (surr.)	126	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP07_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	72	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	150	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	13C2-4:2 FTSA (surr.)	150	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	13C2-6:2 FTSA (surr.)	135	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	13C2-8:2 FTSA (surr.)	163	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	126	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	D3-N-MeFOSA (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.1	15/02/2022	D7-N-MeFOSE (surr.)	73	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.5	15/02/2022	Triphenylphosphate (surr.)	71	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.5	15/02/2022	2.4.6-Tribromophenol (surr.)	69	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.5	15/02/2022	13C2-10:2 FTSA (surr.)	121	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.5	15/02/2022	13C2-8:2 FTSA (surr.)	130	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP08_0.5	15/02/2022	Dibutylchlorendate (surr.)	69	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	96	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.1	15/02/2022	Phenol-d6 (surr.)	133	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	150	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.1	15/02/2022	13C2-8:2 FTSA (surr.)	144	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.5	15/02/2022	2.4.6-Tribromophenol (surr.)	88	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.5	15/02/2022	13C2-10:2 FTSA (surr.)	92	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.5	15/02/2022	Toluene-d8 (surr.)	132	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.5	15/02/2022	D5-N-EtFOSAA (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.5	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.5	15/02/2022	4-Bromofluorobenzene (surr.)	126	%	50	150	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP14_0.5	15/02/2022	D3-N-MeFOSAA (surr.)	74	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	92	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.1	15/02/2022	Phenol-d6 (surr.)	127	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	132	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.1	15/02/2022	13C2-8:2 FTSA (surr.)	137	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.1	15/02/2022	Toluene-d8 (surr.)	139	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.1	15/02/2022	4-Bromofluorobenzene (surr.)	126	%	50	150	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	2.4.6-Tribromophenol (surr.)	85	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	Phenol-d6 (surr.)	132	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	13C2-10:2 FTSA (surr.)	99	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	p-Terphenyl-d14 (surr.)	129	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	Toluene-d8 (surr.)	133	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	D5-N-EtFOSAA (surr.)	66	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP19_0.5	15/02/2022	D3-N-MeFOSAA (surr.)	62	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	81	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	90	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.1	15/02/2022	D5-N-EtFOSAA (surr.)	71	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	146	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.1	15/02/2022	D7-N-MeFOSE (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	90	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	Phenol-d6 (surr.)	132	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	67	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C2-6:2 FTSA (surr.)	67	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C2-PFDoDA (surr.)	62	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C2-PFUnDA (surr.)	64	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C2-PFTeDA (surr.)	66	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C4-PFHpA (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C5-PFNA (surr.)	67	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C6-PFDA (surr.)	67	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C8-FOSA (surr.)	57	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C8-PFOA (surr.)	71	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	13C8-PFOS (surr.)	66	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	18O2-PFHxS (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	2-Fluorobiphenyl (surr.)	126	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	D5-N-EtFOSAA (surr.)	51	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	D3-N-MeFOSAA (surr.)	51	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	D3-N-MeFOSA (surr.)	42	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	D5-N-EtFOSA (surr.)	43	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	D7-N-MeFOSE (surr.)	50	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP21_0.3	15/02/2022	D9-N-EtFOSE (surr.)	54	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	105	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.1	15/02/2022	Phenol-d6 (surr.)	128	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	92	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.1	15/02/2022	2-Fluorobiphenyl (surr.)	140	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	89	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.4	15/02/2022	Phenol-d6 (surr.)	129	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	88	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP22_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	Triphenylphosphate (surr.)	52	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	Phenol-d6 (surr.)	63	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	123	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	p-Terphenyl-d14 (surr.)	55	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	Toluene-d8 (surr.)	127	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	2-Fluorobiphenyl (surr.)	57	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.1	15/02/2022	Tetrachloro-m-xylene (surr.)	53	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	72	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.3	15/02/2022	Phenol-d6 (surr.)	141	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	111	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.3	15/02/2022	Toluene-d8 (surr.)	135	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.3	15/02/2022	2-Fluorobiphenyl (surr.)	135	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP23_0.3	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.1	15/02/2022	Triphenylphosphate (surr.)	71	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	67	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	129	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.1	15/02/2022	Dibutylchlorendate (surr.)	72	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.1	15/02/2022	Toluene-d8 (surr.)	129	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	86	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	84	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.4	15/02/2022	D5-N-EtFOSAA (surr.)	61	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	150	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.4	15/02/2022	D3-N-MeFOSAA (surr.)	62	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP24_0.4	15/02/2022	D3-N-MeFOSA (surr.)	74	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	Triphenylphosphate (surr.)	126	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	77	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	95	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	13C8-FOSA (surr.)	74	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	2-Fluorobiphenyl (surr.)	134	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	D5-N-EtFOSAA (surr.)	66	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	D3-N-MeFOSA (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.1	15/02/2022	D7-N-MeFOSE (surr.)	73	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.4	15/02/2022	Triphenylphosphate (surr.)	138	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	75	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.4	15/02/2022	Phenol-d6 (surr.)	130	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	91	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.4	15/02/2022	Dibutylchlorendate (surr.)	141	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.4	15/02/2022	2-Fluorobiphenyl (surr.)	129	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP29_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	148	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	Triphenylphosphate (surr.)	144	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	76	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	Phenol-d6 (surr.)	147	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	153	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	13C2-4:2 FTSA (surr.)	148	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	Dibutylchlorendate (surr.)	150	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	2-Fluorobiphenyl (surr.)	139	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	146	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.1	15/02/2022	Tetrachloro-m-xylene (surr.)	126	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.3	15/02/2022	Triphenylphosphate (surr.)	126	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	74	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	95	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.3	15/02/2022	Toluene-d8 (surr.)	127	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.3	15/02/2022	2-Fluorobiphenyl (surr.)	127	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP28_0.3	15/02/2022	Nitrobenzene-d5 (surr.)	142	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	104	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	80	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	13C2-8:2 FTSA (surr.)	73	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	13C8-FOSA (surr.)	73	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	Dibutylchlorendate (surr.)	141	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	D5-N-EtFOSAA (surr.)	70	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	D3-N-MeFOSAA (surr.)	71	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.1	15/02/2022	D3-N-MeFOSA (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.3	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	102	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	71	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.3	15/02/2022	Dibutylchlorendate (surr.)	130	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.3	15/02/2022	D5-N-EtFOSAA (surr.)	64	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP27_0.3	15/02/2022	D3-N-MeFOSAA (surr.)	63	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP30_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	138	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP30_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	120	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP30_0.1	15/02/2022	2-Fluorobiphenyl (surr.)	131	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP30_0.3	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP30_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	118	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP30_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	109	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP30_0.3	15/02/2022	Dibutylchlorendate (surr.)	139	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	111	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	103	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.1	15/02/2022	Dibutylchlorendate (surr.)	145	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.4	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	110	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	83	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.4	15/02/2022	Dibutylchlorendate (surr.)	138	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.4	15/02/2022	D5-N-EtFOSAA (surr.)	64	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	71	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP33_0.4	15/02/2022	D3-N-MeFOSAA (surr.)	62	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	115	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	112	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.1	15/02/2022	Dibutylchlorendate (surr.)	140	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	70	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	87	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.4	15/02/2022	Toluene-d8 (surr.)	147	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.4	15/02/2022	D5-N-EtFOSAA (surr.)	67	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	62	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP34_0.4	15/02/2022	D3-N-MeFOSAA (surr.)	59	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.1	15/02/2022	Triphenylphosphate (surr.)	128	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	73	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	86	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.1	15/02/2022	D5-N-EtFOSAA (surr.)	61	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.1	15/02/2022	4-Bromofluorobenzene (surr.)	67	%	50	150	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.1	15/02/2022	D3-N-MeFOSAA (surr.)	55	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	84	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	79	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.4	15/02/2022	13C2-6:2 FTSA (surr.)	73	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.4	15/02/2022	D5-N-EtFOSAA (surr.)	37	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP35_0.4	15/02/2022	D3-N-MeFOSAA (surr.)	37	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	77	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	112	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.1	15/02/2022	Dibutylchlorendate (surr.)	126	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.1	15/02/2022	4-Bromofluorobenzene (surr.)	72	%	50	150	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	88	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	88	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	Dibutylchlorendate (surr.)	126	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	D5-N-EtFOSAA (surr.)	70	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	Nitrobenzene-d5 (surr.)	73	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	4-Bromofluorobenzene (surr.)	70	%	50	150	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP36_0.3	15/02/2022	D3-N-MeFOSAA (surr.)	73	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	95	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	145	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.1	15/02/2022	Dibutylchlorendate (surr.)	149	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.1	15/02/2022	4-Bromofluorobenzene (surr.)	73	%	50	150	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.3	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	125	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	100	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP39_0.3	15/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.05	15/02/2022	Triphenylphosphate (surr.)	138	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.05	15/02/2022	2.4.6-Tribromophenol (surr.)	84	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.05	15/02/2022	Phenol-d6 (surr.)	65	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.05	15/02/2022	13C2-10:2 FTSA (surr.)	98	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.05	15/02/2022	Nitrobenzene-d5 (surr.)	63	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.3	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.3	15/02/2022	2.4.6-Tribromophenol (surr.)	111	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.3	15/02/2022	13C2-10:2 FTSA (surr.)	86	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.3	15/02/2022	Dibutylchlorendate (surr.)	137	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.3	15/02/2022	D5-N-EtFOSAA (surr.)	71	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.3	15/02/2022	Nitrobenzene-d5 (surr.)	68	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP40_0.3	15/02/2022	D3-N-MeFOSAA (surr.)	65	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	111	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	99	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.1	15/02/2022	Dibutylchlorendate (surr.)	138	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.1	15/02/2022	4-Bromofluorobenzene (surr.)	73	%	50	150	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.4	15/02/2022	Triphenylphosphate (surr.)	141	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	87	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.4	15/02/2022	Phenol-d6 (surr.)	64	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	92	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.4	15/02/2022	D5-N-EtFOSAA (surr.)	66	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	60	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP41_0.4	15/02/2022	D3-N-MeFOSAA (surr.)	68	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	114	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	117	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.1	15/02/2022	Dibutylchlorendate (surr.)	150	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.5	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.5	15/02/2022	2.4.6-Tribromophenol (surr.)	109	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.5	15/02/2022	13C2-10:2 FTSA (surr.)	102	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP46_0.5	15/02/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	99	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	Phenol-d6 (surr.)	68	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	174	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	13C2-8:2 FTSA (surr.)	132	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	Dibutylchlorendate (surr.)	150	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	Toluene-d8 (surr.)	134	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.1	15/02/2022	D3-N-MeFOSA (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.4	15/02/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	97	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.4	15/02/2022	Phenol-d6 (surr.)	74	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	109	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.4	15/02/2022	D5-N-EtFOSAA (surr.)	69	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.4	15/02/2022	Nitrobenzene-d5 (surr.)	70	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP38_0.4	15/02/2022	D3-N-MeFOSAA (surr.)	62	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.1	15/02/2022	Triphenylphosphate (surr.)	134	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.1	15/02/2022	2.4.6-Tribromophenol (surr.)	69	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.1	15/02/2022	13C2-10:2 FTSA (surr.)	89	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.1	15/02/2022	Dibutylchlorendate (surr.)	141	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.1	15/02/2022	D5-N-EtFOSAA (surr.)	72	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.1	15/02/2022	Nitrobenzene-d5 (surr.)	139	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.1	15/02/2022	D3-N-MeFOSA (surr.)	74	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	Triphenylphosphate (surr.)	131	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	2.4.6-Tribromophenol (surr.)	67	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	Phenol-d6 (surr.)	137	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	13C2-10:2 FTSA (surr.)	91	%	0	0	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	p-Terphenyl-d14 (surr.)	126	%	30	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	Dibutylchlorendate (surr.)	138	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	D5-N-EtFOSAA (surr.)	68	%	20	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	Tetrachloro-m-xylene (surr.)	126	%	70	130	
15 Feb 2022	863497	Normal	SOIL	IA_IB_TP26_0.4	15/02/2022	D3-N-MeFOSAA (surr.)	70	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.1	9/11/2021	Phenol-d6 (surr.)	72	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	72	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.1	9/11/2021	D3-N-MeFOSAA (surr.)	74	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	53	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.3	9/11/2021	13C2-4:2 FTSA (surr.)	74	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.3	9/11/2021	13C2-6:2 FTSA (surr.)	70	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.3	9/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.3	9/11/2021	13C5-PFNA (surr.)	130	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP03-0.3	9/11/2021	13C6-PFDA (surr.)	127	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	84	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.1	9/11/2021	13C2-4:2 FTSA (surr.)	143	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.1	9/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.1	9/11/2021	13C5-PFNA (surr.)	137	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.1	9/11/2021	13C6-PFDA (surr.)	131	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	51	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	93	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.3	9/11/2021	13C2-PFDoDA (surr.)	137	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.3	9/11/2021	13C5-PFNA (surr.)	133	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.3	9/11/2021	13C6-PFDA (surr.)	134	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP02-0.3	9/11/2021	D3-N-MeFOSAA (surr.)	69	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP11-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP11-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	107	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP11-0.1	9/11/2021	13C2-4:2 FTSA (surr.)	142	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP11-0.1	9/11/2021	13C2-PFDoDA (surr.)	141	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP11-0.1	9/11/2021	13C5-PFNA (surr.)	136	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP11-0.1	9/11/2021	13C6-PFDA (surr.)	138	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	Phenol-d6 (surr.)	71	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	81	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	13C2-PFDoDA (surr.)	129	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	13C2-PFUnDA (surr.)	129	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	13C5-PFNA (surr.)	126	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	13C6-PFDA (surr.)	134	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.1	9/11/2021	2-Fluorobiphenyl (surr.)	74	%	30	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	56	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	97	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	13C2-4:2 FTSA (surr.)	137	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	13C2-PFDoDA (surr.)	135	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	13C2-PFUnDA (surr.)	129	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	13C4-PFBA (surr.)	126	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	13C5-PFNA (surr.)	137	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP15-0.3	9/11/2021	13C6-PFDA (surr.)	150	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	54	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.1	9/11/2021	13C2-4:2 FTSA (surr.)	151	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.1	9/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.1	9/11/2021	13C2-PFUnDA (surr.)	133	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.1	9/11/2021	13C5-PFNA (surr.)	140	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.1	9/11/2021	13C6-PFDA (surr.)	139	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.3	9/11/2021	13C2-PFDoDA (surr.)	150	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.3	9/11/2021	13C2-PFUnDA (surr.)	140	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.3	9/11/2021	13C5-PFNA (surr.)	136	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.3	9/11/2021	13C6-PFDA (surr.)	141	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP55-0.3	9/11/2021	4-Bromofluorobenzene (surr.)	137	%	50	150	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	52	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.1	9/11/2021	Phenol-d6 (surr.)	70	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.1	9/11/2021	13C2-PFDoDA (surr.)	132	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.1	9/11/2021	13C5-PFNA (surr.)	130	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.1	9/11/2021	13C6-PFDA (surr.)	130	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	50	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	99	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.3	9/11/2021	13C2-4:2 FTSA (surr.)	144	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.3	9/11/2021	13C2-PFDoDA (surr.)	148	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.3	9/11/2021	13C2-PFTeDA (surr.)	128	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.3	9/11/2021	13C5-PFNA (surr.)	139	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP54-0.3	9/11/2021	13C6-PFDA (surr.)	135	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	50	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.1	9/11/2021	Phenol-d6 (surr.)	71	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	89	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.1	9/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.1	9/11/2021	13C2-PFUnDA (surr.)	134	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.1	9/11/2021	13C5-PFNA (surr.)	131	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.1	9/11/2021	13C6-PFDA (surr.)	139	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.3	9/11/2021	Phenol-d6 (surr.)	64	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.3	9/11/2021	13C2-PFDoDA (surr.)	136	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.3	9/11/2021	13C5-PFNA (surr.)	132	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP43-0.3	9/11/2021	13C6-PFDA (surr.)	133	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP33-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP33-0.1	9/11/2021	Phenol-d6 (surr.)	60	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP33-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP33-0.1	9/11/2021	13C2-PFDoDA (surr.)	140	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP33-0.1	9/11/2021	13C5-PFNA (surr.)	126	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP33-0.1	9/11/2021	p-Terphenyl-d14 (surr.)	64	%	30	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP33-0.1	9/11/2021	2-Fluorobiphenyl (surr.)	71	%	30	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	Phenol-d6 (surr.)	58	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	96	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	13C2-4:2 FTSA (surr.)	147	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	13C2-PFUnDA (surr.)	132	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	13C5-PFNA (surr.)	135	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP34-0.1	9/11/2021	13C6-PFDA (surr.)	132	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	68	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.1	9/11/2021	Phenol-d6 (surr.)	72	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	105	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.1	9/11/2021	13C2-PFDoDA (surr.)	134	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.1	9/11/2021	13C5-PFNA (surr.)	126	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.1	9/11/2021	Toluene-d8 (surr.)	74	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	Triphenylphosphate (surr.)	72	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	Phenol-d6 (surr.)	53	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	13C2-10:2 FTSA (surr.)	87	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	13C2-4:2 FTSA (surr.)	64	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	13C2-6:2 FTSA (surr.)	71	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	13C6-PFDA (surr.)	128	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	p-Terphenyl-d14 (surr.)	61	%	30	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	2-Fluorobiphenyl (surr.)	64	%	30	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	Tetrachloro-m-xylene (surr.)	67	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP35-0.2	9/11/2021	D3-N-MeFOSAA (surr.)	59	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	Phenol-d6 (surr.)	56	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	103	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	13C2-4:2 FTSA (surr.)	130	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	13C2-PFDoDA (surr.)	139	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	13C2-PFTeDA (surr.)	127	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	13C5-PFNA (surr.)	135	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	13C6-PFDA (surr.)	132	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	p-Terphenyl-d14 (surr.)	60	%	30	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	Toluene-d8 (surr.)	73	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.1	9/11/2021	2-Fluorobiphenyl (surr.)	67	%	30	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	Triphenylphosphate (surr.)	148	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	79	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	94	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	13C2-4:2 FTSA (surr.)	140	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	13C2-PFDoDA (surr.)	141	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	13C2-PFUnDA (surr.)	128	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	13C5-PFNA (surr.)	141	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	13C6-PFDA (surr.)	133	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	Dibutylchlorendate (surr.)	148	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP36-0.3	9/11/2021	D5-N-EtFOSAA (surr.)	74	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.1	9/11/2021	2.4.6-Tribromophenol (surr.)	82	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.1	9/11/2021	Phenol-d6 (surr.)	71	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.1	9/11/2021	13C2-10:2 FTSA (surr.)	90	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.1	9/11/2021	13C2-4:2 FTSA (surr.)	127	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.1	9/11/2021	13C2-PFDoDA (surr.)	131	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.1	9/11/2021	13C5-PFNA (surr.)	132	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	Triphenylphosphate (surr.)	150	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	2.4.6-Tribromophenol (surr.)	87	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	13C2-10:2 FTSA (surr.)	101	%	0	0	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	13C2-4:2 FTSA (surr.)	128	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	13C2-PFDoDA (surr.)	132	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	13C6-PFDA (surr.)	133	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	Dibutylchlorendate (surr.)	144	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	D5-N-EtFOSAA (surr.)	73	%	20	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	Tetrachloro-m-xylene (surr.)	134	%	70	130	
11 Nov 2021	853609	Normal	SOIL	AI_TP56-0.3	9/11/2021	D3-N-MeFOSAA (surr.)	64	%	20	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	Triphenylphosphate (surr.)	-999	%	70	130	INT
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	Phenol-d6 (surr.)	57	%	20	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	13C2-10:2 FTSA (surr.)	95	%	0	0	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	13C2-4:2 FTSA (surr.)	152	%	20	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	13C2-PFDoDA (surr.)	133	%	20	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	13C2-PFUnDA (surr.)	127	%	20	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	13C5-PFNA (surr.)	129	%	20	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	13C6-PFDA (surr.)	132	%	20	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	Dibutylchlorendate (surr.)	-999	%	70	130	INT
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	Toluene-d8 (surr.)	72	%	70	130	
11 Nov 2021	853609	Field_D	SOIL	AI_20211109-D01	9/11/2021	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	Triphenylphosphate (surr.)	135	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	98	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	13C2-4:2 FTSA (surr.)	142	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	13C2-6:2 FTSA (surr.)	145	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	13C2-PFDoDA (surr.)	128	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	13C6-PFDA (surr.)	134	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	p-Terphenyl-d14 (surr.)	147	%	30	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	Dibutylchlorendate (surr.)	142	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	2-Fluorobiphenyl (surr.)	142	%	30	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	Nitrobenzene-d5 (surr.)	129	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.1	16/06/2022	D5-N-EtFOSA (surr.)	132	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	63	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	132	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP128_0.3	16/06/2022	13C2-PFUnDA (surr.)	128	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	67	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.1	16/06/2022	Phenol-d6 (surr.)	69	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.1	16/06/2022	13C2-PFUnDA (surr.)	137	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.1	16/06/2022	13C6-PFDA (surr.)	140	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.1	16/06/2022	D5-N-EtFOSA (surr.)	130	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	81	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	142	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.3	16/06/2022	13C2-6:2 FTSA (surr.)	143	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.3	16/06/2022	13C2-PFDoDA (surr.)	138	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.3	16/06/2022	13C2-PFUnDA (surr.)	138	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.3	16/06/2022	13C6-PFDA (surr.)	134	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP129_0.3	16/06/2022	D5-N-EtFOSA (surr.)	129	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP130_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	58	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP130_0.1	16/06/2022	Phenol-d6 (surr.)	71	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP130_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	56	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP130_0.3	16/06/2022	D3-N-MeFOSAA (surr.)	71	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP130_0.3	16/06/2022	D7-N-MeFOSE (surr.)	19	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	60	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.1	16/06/2022	13C2-4:2 FTSA (surr.)	127	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.1	16/06/2022	13C2-6:2 FTSA (surr.)	141	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.1	16/06/2022	13C5-PFPeA (surr.)	-999	%	20	130	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.1	16/06/2022	D7-N-MeFOSE (surr.)	65	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	71	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	130	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP131_0.3	16/06/2022	13C2-6:2 FTSA (surr.)	135	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	66	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	140	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.3	16/06/2022	13C2-6:2 FTSA (surr.)	128	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.3	16/06/2022	13C2-PFUnDA (surr.)	143	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.3	16/06/2022	13C6-PFDA (surr.)	129	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.3	16/06/2022	Toluene-d8 (surr.)	126	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP36_0.3	16/06/2022	D5-N-EtFOSA (surr.)	139	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	84	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.1	16/06/2022	Phenol-d6 (surr.)	71	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.1	16/06/2022	13C2-6:2 FTSA (surr.)	163	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.1	16/06/2022	Tetrachloro-m-xylene (surr.)	130	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.1	16/06/2022	D7-N-MeFOSE (surr.)	45	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.3	16/06/2022	D3-N-MeFOSAA (surr.)	73	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP153_0.3	16/06/2022	D7-N-MeFOSE (surr.)	55	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP159_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	78	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP159_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	146	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP159_0.3	16/06/2022	13C2-6:2 FTSA (surr.)	146	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP256_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	53	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP256_0.1	16/06/2022	D7-N-MeFOSE (surr.)	33	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP256_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	58	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	56	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.1	16/06/2022	Phenol-d6 (surr.)	72	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.1	16/06/2022	13C5-PFPeA (surr.)	-999	%	20	130	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.1	16/06/2022	D5-N-EtFOSAA (surr.)	70	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.1	16/06/2022	D3-N-MeFOSAA (surr.)	64	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.1	16/06/2022	D7-N-MeFOSE (surr.)	19	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	67	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP257_0.3	16/06/2022	D7-N-MeFOSE (surr.)	69	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	54	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.1	16/06/2022	Phenol-d6 (surr.)	65	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.1	16/06/2022	D3-N-MeFOSAA (surr.)	73	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.1	16/06/2022	D7-N-MeFOSE (surr.)	69	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	70	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	28	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.3	16/06/2022	13C2-6:2 FTSA (surr.)	39	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP258_0.3	16/06/2022	D3-N-MeFOSAA (surr.)	73	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	63	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.1	16/06/2022	Phenol-d6 (surr.)	54	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.1	16/06/2022	13C2-6:2 FTSA (surr.)	127	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.1	16/06/2022	D3-N-MeFOSAA (surr.)	69	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.1	16/06/2022	D7-N-MeFOSE (surr.)	23	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	63	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.3	16/06/2022	Phenol-d6 (surr.)	66	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP259_0.3	16/06/2022	D7-N-MeFOSE (surr.)	28	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP260_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	73	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP260_0.1	16/06/2022	Phenol-d6 (surr.)	73	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP260_0.1	16/06/2022	D3-N-MeFOSAA (surr.)	73	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP260_0.1	16/06/2022	D7-N-MeFOSE (surr.)	61	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP260_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	53	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP260_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	133	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP260_0.3	16/06/2022	D5-N-EtFOSA (surr.)	130	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	68	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	13C2-4:2 FTSA (surr.)	149	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	13C2-6:2 FTSA (surr.)	152	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	13C2-PFUnDA (surr.)	143	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	13C6-PFDA (surr.)	141	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	p-Terphenyl-d14 (surr.)	131	%	30	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	18O2-PFHxS (surr.)	126	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	Tetrachloro-m-xylene (surr.)	131	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.1	16/06/2022	D5-N-EtFOSA (surr.)	142	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	105	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	136	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.3	16/06/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP262_0.3	16/06/2022	D7-N-MeFOSE (surr.)	20	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	Triphenylphosphate (surr.)	139	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	52	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	13C2-4:2 FTSA (surr.)	128	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	13C2-PFUnDA (surr.)	128	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	13C5-PFPeA (surr.)	-999	%	20	130	INT
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	p-Terphenyl-d14 (surr.)	135	%	30	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	D3-N-MeFOSAA (surr.)	71	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.1	16/06/2022	D5-N-EtFOSA (surr.)	132	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	69	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	130	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	13C2-PFDoDA (surr.)	131	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	13C2-PFUnDA (surr.)	141	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	13C6-PFDA (surr.)	130	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	Dibutylchlorendate (surr.)	139	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	Toluene-d8 (surr.)	129	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	Tetrachloro-m-xylene (surr.)	73	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP303_0.3	16/06/2022	D5-N-EtFOSA (surr.)	142	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	73	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.1	16/06/2022	13C2-4:2 FTSA (surr.)	155	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.1	16/06/2022	13C2-6:2 FTSA (surr.)	139	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.1	16/06/2022	13C2-PFUnDA (surr.)	134	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.1	16/06/2022	13C6-PFDA (surr.)	132	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.1	16/06/2022	p-Terphenyl-d14 (surr.)	126	%	30	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.1	16/06/2022	D5-N-EtFOSA (surr.)	137	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	Triphenylphosphate (surr.)	137	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	61	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	136	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	13C2-6:2 FTSA (surr.)	128	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	13C2-PFUnDA (surr.)	134	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	13C3-PFBS (surr.)	127	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	13C6-PFDA (surr.)	126	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP305_0.3	16/06/2022	D5-N-EtFOSA (surr.)	140	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.1	16/06/2022	Triphenylphosphate (surr.)	70	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.1	16/06/2022	2.4.6-Tribromophenol (surr.)	65	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.1	16/06/2022	13C2-4:2 FTSA (surr.)	64	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.1	16/06/2022	13C2-6:2 FTSA (surr.)	74	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.1	16/06/2022	4-Bromofluorobenzene (surr.)	143	%	50	150	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	Triphenylphosphate (surr.)	129	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	2.4.6-Tribromophenol (surr.)	73	%	0	0	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	13C2-4:2 FTSA (surr.)	36	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	13C2-6:2 FTSA (surr.)	46	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	13C2-PFUnDA (surr.)	126	%	20	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	Dibutylchlorendate (surr.)	128	%	70	130	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	4-Bromofluorobenzene (surr.)	136	%	50	150	
17 Jun 2022	898926	Normal	SOIL	A1_TP315_0.3	16/06/2022	D5-N-EtFOSA (surr.)	145	%	20	130	
24 Jun 2022	900799	Trip_S	WATER	TRIP SPIKE	24/06/2022	4-Bromofluorobenzene (surr.)	69	%	50	150	
24 Jun 2022	900799	Trip_B	WATER	TRIP BLANK	24/06/2022	4-Bromofluorobenzene (surr.)	74	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C2-10:2 FTSA (surr.)	45	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C2-4:2 FTSA (surr.)	19	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C2-6:2 FTSA (surr.)	37	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	2-Fluorobiphenyl (surr.)	59	%	30	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	4-Bromofluorobenzene (surr.)	65	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	D3-N-MeFOSA (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	D3-N-MeFOSAA (surr.)	67	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	D5-N-EtFOSA (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C2-8:2 FTSA (surr.)	67	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C2-PFDoDA (surr.)	74	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C2-PFTeDA (surr.)	44	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C4-PFBA (surr.)	64	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C4-PFHpA (surr.)	70	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C5-PFHxA (surr.)	60	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C5-PFPeA (surr.)	70	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	13C8-FOSA (surr.)	60	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	D7-N-MeFOSE (surr.)	26	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	D9-N-EtFOSE (surr.)	26	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	Dibutylchlorendate (surr.)	65	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	Phenol-d6 (surr.)	52	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW01	24/06/2022	Toluene-d8 (surr.)	65	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C2-10:2 FTSA (surr.)	172	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C2-4:2 FTSA (surr.)	16	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C2-6:2 FTSA (surr.)	33	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C2-PFDoDA (surr.)	131	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C2-PFTeDA (surr.)	44	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C3-PFBS (surr.)	58	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C4-PFBA (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C4-PFHpA (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C5-PFHxA (surr.)	51	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C5-PFPeA (surr.)	64	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	13C8-PFOA (surr.)	74	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	2-Fluorobiphenyl (surr.)	54	%	30	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	2.4.6-Tribromophenol (surr.)	72	%	0	0	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	4-Bromofluorobenzene (surr.)	70	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	D3-N-MeFOSA (surr.)	57	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	D3-N-MeFOSAA (surr.)	137	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	D5-N-EtFOSA (surr.)	59	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	D7-N-MeFOSE (surr.)	28	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	D9-N-EtFOSE (surr.)	28	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	p-Terphenyl-d14 (surr.)	68	%	30	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	Tetrachloro-m-xylene (surr.)	55	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	Toluene-d8 (surr.)	68	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW02	24/06/2022	D5-N-EtFOSAA (surr.)	145	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C2-4:2 FTSA (surr.)	44	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C2-8:2 FTSA (surr.)	152	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C2-PFTeDA (surr.)	55	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C4-PFBA (surr.)	57	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C4-PFHpA (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C5-PFHxA (surr.)	63	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C5-PFPeA (surr.)	70	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	13C8-FOSA (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	2.4.6-Tribromophenol (surr.)	57	%	0	0	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	4-Bromofluorobenzene (surr.)	68	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	D3-N-MeFOSA (surr.)	54	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	D5-N-EtFOSA (surr.)	55	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	D7-N-MeFOSE (surr.)	28	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	D9-N-EtFOSE (surr.)	28	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	Phenol-d6 (surr.)	58	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	Toluene-d8 (surr.)	70	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW03	24/06/2022	Triphenylphosphate (surr.)	55	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C2-4:2 FTSA (surr.)	17	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C2-6:2 FTSA (surr.)	27	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C2-8:2 FTSA (surr.)	50	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C2-PFDoDA (surr.)	46	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C2-PFTeDA (surr.)	20	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C2-PFUnDA (surr.)	39	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C3-PFBS (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C4-PFBA (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C4-PFHpA (surr.)	56	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C5-PFHxA (surr.)	56	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C5-PFNA (surr.)	63	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C5-PFPeA (surr.)	70	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C6-PFDA (surr.)	48	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C8-FOSA (surr.)	40	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C8-PFOA (surr.)	65	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	4-Bromofluorobenzene (surr.)	63	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	D3-N-MeFOSA (surr.)	12	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	D3-N-MeFOSAA (surr.)	45	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	D5-N-EtFOSA (surr.)	13	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	D7-N-MeFOSE (surr.)	14	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	D9-N-EtFOSE (surr.)	14	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	p-Terphenyl-d14 (surr.)	71	%	30	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	Phenol-d6 (surr.)	42	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	Tetrachloro-m-xylene (surr.)	57	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	Toluene-d8 (surr.)	62	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	13C8-PFOS (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW04	24/06/2022	D5-N-EtFOSAA (surr.)	47	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C2-4:2 FTSA (surr.)	57	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C2-8:2 FTSA (surr.)	141	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C2-PFTeDA (surr.)	39	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C2-PFUnDA (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C4-PFBA (surr.)	58	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C4-PFHpA (surr.)	74	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C5-PFHxA (surr.)	64	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C5-PFPeA (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	13C8-FOSA (surr.)	59	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	2-Fluorobiphenyl (surr.)	57	%	30	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	2.4.6-Tribromophenol (surr.)	104	%	0	0	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	4-Bromofluorobenzene (surr.)	65	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	D3-N-MeFOSA (surr.)	50	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	D5-N-EtFOSA (surr.)	53	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	D7-N-MeFOSE (surr.)	21	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	D9-N-EtFOSE (surr.)	21	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	Toluene-d8 (surr.)	64	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW05	24/06/2022	Triphenylphosphate (surr.)	56	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C2-10:2 FTSA (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C2-4:2 FTSA (surr.)	24	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C2-6:2 FTSA (surr.)	39	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C2-8:2 FTSA (surr.)	58	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C2-PFDoDA (surr.)	50	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C2-PFTeDA (surr.)	32	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C2-PFUnDA (surr.)	54	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C4-PFBA (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C4-PFHpA (surr.)	62	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C5-PFHxA (surr.)	58	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C5-PFNA (surr.)	62	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C6-PFDA (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C8-FOSA (surr.)	48	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	13C8-PFOA (surr.)	66	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	2.4.6-Tribromophenol (surr.)	96	%	0	0	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	4-Bromofluorobenzene (surr.)	69	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	D3-N-MeFOSA (surr.)	40	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	D3-N-MeFOSAA (surr.)	47	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	D5-N-EtFOSA (surr.)	43	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	D7-N-MeFOSE (surr.)	16	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	D9-N-EtFOSE (surr.)	16	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	Dibutylchlorendate (surr.)	72	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	Phenol-d6 (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	Toluene-d8 (surr.)	71	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	Triphenylphosphate (surr.)	62	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW06	24/06/2022	D5-N-EtFOSAA (surr.)	44	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C2-10:2 FTSA (surr.)	62	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C2-4:2 FTSA (surr.)	60	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C2-8:2 FTSA (surr.)	143	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C2-PFTeDA (surr.)	47	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C2-PFUnDA (surr.)	66	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C4-PFBA (surr.)	58	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C5-PFHxA (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C5-PFPeA (surr.)	70	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	13C8-FOSA (surr.)	58	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	2.4.6-Tribromophenol (surr.)	72	%	0	0	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	4-Bromofluorobenzene (surr.)	68	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	D3-N-MeFOSA (surr.)	60	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	D3-N-MeFOSAA (surr.)	67	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	D5-N-EtFOSA (surr.)	63	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	D7-N-MeFOSE (surr.)	23	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	D9-N-EtFOSE (surr.)	23	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	Dibutylchlorendate (surr.)	68	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	Phenol-d6 (surr.)	42	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	Toluene-d8 (surr.)	69	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	Triphenylphosphate (surr.)	57	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW07	24/06/2022	D5-N-EtFOSAA (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	D3-N-MeFOSA (surr.)	74	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	D7-N-MeFOSE (surr.)	29	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	D9-N-EtFOSE (surr.)	29	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C2-4:2 FTSA (surr.)	74	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C2-6:2 FTSA (surr.)	133	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C2-8:2 FTSA (surr.)	175	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C2-PFTeDA (surr.)	65	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C4-PFBA (surr.)	59	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C5-PFHxA (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C5-PFPeA (surr.)	73	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	13C8-FOSA (surr.)	65	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	4-Bromofluorobenzene (surr.)	67	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	Phenol-d6 (surr.)	42	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	Tetrachloro-m-xylene (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	Toluene-d8 (surr.)	66	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW08	24/06/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	13C2-6:2 FTSA (surr.)	165	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	13C2-8:2 FTSA (surr.)	184	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	13C2-PFTeDA (surr.)	54	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	13C4-PFBA (surr.)	65	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	13C8-FOSA (surr.)	65	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	2.4.6-Tribromophenol (surr.)	112	%	0	0	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	4-Bromofluorobenzene (surr.)	68	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	Tetrachloro-m-xylene (surr.)	147	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	Toluene-d8 (surr.)	70	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	D3-N-MeFOSA (surr.)	73	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	D3-N-MeFOSAA (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	D5-N-EtFOSA (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	D7-N-MeFOSE (surr.)	20	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	D9-N-EtFOSE (surr.)	20	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	Nitrobenzene-d5 (surr.)	138	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW09	24/06/2022	p-Terphenyl-d14 (surr.)	149	%	30	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	13C2-6:2 FTSA (surr.)	182	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	13C2-8:2 FTSA (surr.)	-999	%	20	130	INT
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	13C2-PFTeDA (surr.)	62	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	13C4-PFBA (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	13C8-FOSA (surr.)	61	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	2-Fluorobiphenyl (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	2.4.6-Tribromophenol (surr.)	52	%	0	0	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	4-Bromofluorobenzene (surr.)	68	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	D7-N-MeFOSE (surr.)	26	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	D9-N-EtFOSE (surr.)	26	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	Phenol-d6 (surr.)	53	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	Toluene-d8 (surr.)	68	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW10	24/06/2022	Triphenylphosphate (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C2-10:2 FTSA (surr.)	71	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C2-4:2 FTSA (surr.)	32	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C2-6:2 FTSA (surr.)	67	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C2-PFTeDA (surr.)	57	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C4-PFBA (surr.)	56	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C4-PFHpA (surr.)	69	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C5-PFHxA (surr.)	57	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C5-PFPeA (surr.)	60	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	13C8-FOSA (surr.)	60	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	2-Fluorobiphenyl (surr.)	65	%	30	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	2.4.6-Tribromophenol (surr.)	59	%	0	0	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	4-Bromofluorobenzene (surr.)	66	%	50	150	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	D3-N-MeFOSAA (surr.)	74	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	D7-N-MeFOSE (surr.)	23	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	D9-N-EtFOSE (surr.)	23	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	Dibutylchlorendate (surr.)	134	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	Phenol-d6 (surr.)	74	%	20	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	Toluene-d8 (surr.)	67	%	70	130	
24 Jun 2022	900799	Normal	WATER	MW11	24/06/2022	Triphenylphosphate (surr.)	61	%	70	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	13C2-6:2 FTSA (surr.)	149	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	13C2-8:2 FTSA (surr.)	186	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	13C2-PFTeDA (surr.)	65	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	13C4-PFBA (surr.)	54	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	13C5-PFHxA (surr.)	65	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	13C5-PFPeA (surr.)	67	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	13C8-FOSA (surr.)	54	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	2.4.6-Tribromophenol (surr.)	-999	%	0	0	INT
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	4-Bromofluorobenzene (surr.)	73	%	50	150	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	D3-N-MeFOSA (surr.)	71	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	D3-N-MeFOSAA (surr.)	73	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	D7-N-MeFOSE (surr.)	27	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	D9-N-EtFOSE (surr.)	27	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	Dibutylchlorendate (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	Nitrobenzene-d5 (surr.)	-999	%	70	130	INT
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	p-Terphenyl-d14 (surr.)	-999	%	30	130	INT
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	Phenol-d6 (surr.)	-999	%	20	130	INT
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	Tetrachloro-m-xylene (surr.)	141	%	70	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	Toluene-d8 (surr.)	73	%	70	130	
24 Jun 2022	900799	Field_D	WATER	D01_20220624	24/06/2022	Triphenylphosphate (surr.)	129	%	70	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C2-10:2 FTSA (surr.)	46	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C2-4:2 FTSA (surr.)	19	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C2-6:2 FTSA (surr.)	32	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C2-8:2 FTSA (surr.)	46	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C2-PFDoDA (surr.)	24	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C2-PFTeDA (surr.)	12	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C2-PFUnDA (surr.)	24	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C3-PFBS (surr.)	65	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C4-PFBA (surr.)	60	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C4-PFHpA (surr.)	57	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C5-PFHxA (surr.)	56	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C5-PFNA (surr.)	56	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C5-PFPeA (surr.)	64	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C6-PFDA (surr.)	36	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C8-FOSA (surr.)	32	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C8-PFOA (surr.)	61	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	D3-N-MeFOSA (surr.)	23	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	D3-N-MeFOSAA (surr.)	29	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	D5-N-EtFOSA (surr.)	26	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	D7-N-MeFOSE (surr.)	11	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	D9-N-EtFOSE (surr.)	11	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	13C8-PFOS (surr.)	43	%	20	130	
24 Jun 2022	900799	Field_D	WATER	D02_20220624	24/06/2022	D5-N-EtFOSAA (surr.)	27	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C2-4:2 FTSA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C3-PFBS (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C4-PFBA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C4-PFHpA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C5-PFHxA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C5-PFPeA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C8-FOSA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C8-PFOA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	18O2-PFHxS (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	D3-N-MeFOSA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	D3-N-MeFOSAA (surr.)	131	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	D5-N-EtFOSA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	D7-N-MeFOSE (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED1	21/06/2022	13C8-PFOS (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	13C3-PFBS (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	13C4-PFBA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	13C4-PFHpA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	13C5-PFHxA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	13C5-PFPeA (surr.)	65	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	13C8-FOSA (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	13C8-PFOA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	18O2-PFHxS (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	D3-N-MeFOSA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	D5-N-EtFOSA (surr.)	64	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	D7-N-MeFOSE (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED2	21/06/2022	D9-N-EtFOSE (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C2-PFDoDA (surr.)	64	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C2-PFTeDA (surr.)	39	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C4-PFBA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C4-PFHpA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C5-PFHxA (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C5-PFPeA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C8-FOSA (surr.)	55	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	13C8-PFOA (surr.)	63	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	18O2-PFHxS (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	D3-N-MeFOSA (surr.)	57	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	D5-N-EtFOSA (surr.)	57	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	D7-N-MeFOSE (surr.)	57	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED3	21/06/2022	D9-N-EtFOSE (surr.)	58	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C3-PFBS (surr.)	65	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C4-PFBA (surr.)	63	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C4-PFHpA (surr.)	61	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C5-PFHxA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C5-PFNA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C5-PFPeA (surr.)	62	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C8-FOSA (surr.)	63	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C8-PFOA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	18O2-PFHxS (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	D3-N-MeFOSA (surr.)	63	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	D5-N-EtFOSA (surr.)	60	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	D7-N-MeFOSE (surr.)	63	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	D9-N-EtFOSE (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED4	21/06/2022	13C8-PFOS (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	13C4-PFBA (surr.)	58	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	13C4-PFHpA (surr.)	65	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	13C5-PFHxA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	13C5-PFPeA (surr.)	65	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	13C8-PFOA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	18O2-PFHxS (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	D3-N-MeFOSA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	D3-N-MeFOSAA (surr.)	131	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	D5-N-EtFOSA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	D7-N-MeFOSE (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED5	21/06/2022	D9-N-EtFOSE (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	13C3-PFBS (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	13C4-PFBA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	13C4-PFHpA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	13C5-PFHxA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	13C5-PFPeA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	13C8-FOSA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	13C8-PFOA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	18O2-PFHxS (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	D3-N-MeFOSA (surr.)	62	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	D3-N-MeFOSAA (surr.)	126	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	D5-N-EtFOSA (surr.)	59	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	D7-N-MeFOSE (surr.)	62	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED6	21/06/2022	D9-N-EtFOSE (surr.)	60	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	13C2-10:2 FTSA (surr.)	57	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	13C4-PFBA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	13C4-PFHpA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	13C5-PFHxA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	13C5-PFPeA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	13C8-FOSA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	13C8-PFOA (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	18O2-PFHxS (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	D3-N-MeFOSA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	D5-N-EtFOSA (surr.)	63	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	D7-N-MeFOSE (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED7	21/06/2022	D9-N-EtFOSE (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C2-10:2 FTSA (surr.)	34	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C2-4:2 FTSA (surr.)	139	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C2-6:2 FTSA (surr.)	127	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C2-PFDoDA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C2-PFTeDA (surr.)	37	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C2-PFUnDA (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C4-PFBA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C4-PFHpA (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	13C8-FOSA (surr.)	54	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	18O2-PFHxS (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	D3-N-MeFOSA (surr.)	59	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	D3-N-MeFOSAA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	D5-N-EtFOSA (surr.)	54	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	D7-N-MeFOSE (surr.)	59	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED8	21/06/2022	D9-N-EtFOSE (surr.)	59	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	13C3-PFBS (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	13C4-PFBA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	13C4-PFHpA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	13C5-PFHxA (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	13C5-PFPeA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	13C8-FOSA (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	D3-N-MeFOSA (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	D3-N-MeFOSAA (surr.)	127	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	D5-N-EtFOSA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	D7-N-MeFOSE (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	D9-N-EtFOSE (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED9	21/06/2022	13C8-PFOS (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	13C3-PFBS (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	13C4-PFHpA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	13C5-PFPeA (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	13C8-FOSA (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	13C8-PFOA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	18O2-PFHxS (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	D3-N-MeFOSA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	D3-N-MeFOSAA (surr.)	133	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	D5-N-EtFOSA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	D7-N-MeFOSE (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	D9-N-EtFOSE (surr.)	65	%	20	130	
22 Jun 2022	900392	Normal	SOIL	SED10	21/06/2022	13C8-PFOS (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C2-6:2 FTSA (surr.)	133	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C2-8:2 FTSA (surr.)	133	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C2-PFUnDA (surr.)	142	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C3-PFBS (surr.)	127	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C4-PFHpA (surr.)	143	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C5-PFNA (surr.)	149	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C6-PFDA (surr.)	135	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	13C8-PFOA (surr.)	156	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	2-Fluorobiphenyl (surr.)	55	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	4-Bromofluorobenzene (surr.)	74	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	D3-N-MeFOSA (surr.)	52	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	D5-N-EtFOSA (surr.)	49	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	D7-N-MeFOSE (surr.)	52	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	D9-N-EtFOSE (surr.)	50	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	Dibutylchlorendate (surr.)	62	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	Nitrobenzene-d5 (surr.)	72	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	Phenol-d6 (surr.)	37	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW1	21/06/2022	Triphenylphosphate (surr.)	59	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	13C2-6:2 FTSA (surr.)	145	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	13C2-PFTeDA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	13C2-PFUnDA (surr.)	131	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	13C4-PFBA (surr.)	61	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	13C5-PFNA (surr.)	138	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	13C5-PFPeA (surr.)	63	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	13C8-PFOA (surr.)	139	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	2-Fluorobiphenyl (surr.)	55	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	2,4,6-Tribromophenol (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	4-Bromofluorobenzene (surr.)	67	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	D3-N-MeFOSA (surr.)	39	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	D5-N-EtFOSA (surr.)	37	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	D7-N-MeFOSE (surr.)	39	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	D9-N-EtFOSE (surr.)	34	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	Dibutylchlorendate (surr.)	65	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	Nitrobenzene-d5 (surr.)	51	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	Phenol-d6 (surr.)	33	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	Toluene-d8 (surr.)	69	%	70	130	
22 Jun 2022	900392	Normal	WATER	SW2	21/06/2022	Triphenylphosphate (surr.)	64	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C2-10:2 FTSA (surr.)	64	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C2-4:2 FTSA (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C2-PFDoDA (surr.)	60	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C2-PFTeDA (surr.)	57	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C4-PFBA (surr.)	57	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C5-PFPeA (surr.)	58	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C8-FOSA (surr.)	69	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	13C8-PFOA (surr.)	131	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	4-Bromofluorobenzene (surr.)	73	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	D3-N-MeFOSA (surr.)	31	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	D3-N-MeFOSAA (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	D5-N-EtFOSA (surr.)	28	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	D7-N-MeFOSE (surr.)	31	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	D9-N-EtFOSE (surr.)	26	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	Nitrobenzene-d5 (surr.)	57	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	p-Terphenyl-d14 (surr.)	72	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	Phenol-d6 (surr.)	36	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	Tetrachloro-m-xylene (surr.)	72	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW4	21/06/2022	Triphenylphosphate (surr.)	53	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	13C2-PFDoDA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	13C2-PFTeDA (surr.)	61	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	13C4-PFBA (surr.)	49	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	13C5-PFHxA (surr.)	67	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	13C5-PFPeA (surr.)	45	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	13C8-FOSA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	4-Bromofluorobenzene (surr.)	67	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	D3-N-MeFOSA (surr.)	38	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	D5-N-EtFOSA (surr.)	34	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	D7-N-MeFOSE (surr.)	38	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	D9-N-EtFOSE (surr.)	37	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	Dibutylchlorendate (surr.)	70	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	Nitrobenzene-d5 (surr.)	70	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	Phenol-d6 (surr.)	42	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	Toluene-d8 (surr.)	68	%	70	130	
22 Jun 2022	900392	Normal	WATER	SW5	21/06/2022	Triphenylphosphate (surr.)	65	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	13C2-4:2 FTSA (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	13C2-PFDoDA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	13C2-PFTeDA (surr.)	59	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	13C4-PFBA (surr.)	56	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	13C5-PFNA (surr.)	127	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	13C5-PFPeA (surr.)	54	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	13C8-FOSA (surr.)	61	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	2-Fluorobiphenyl (surr.)	63	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	2,4,6-Tribromophenol (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	4-Bromofluorobenzene (surr.)	68	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	D3-N-MeFOSA (surr.)	35	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	D5-N-EtFOSA (surr.)	32	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	D7-N-MeFOSE (surr.)	35	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	D9-N-EtFOSE (surr.)	35	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	Dibutylchlorendate (surr.)	55	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	Nitrobenzene-d5 (surr.)	55	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	p-Terphenyl-d14 (surr.)	69	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	Phenol-d6 (surr.)	34	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	Tetrachloro-m-xylene (surr.)	64	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	Toluene-d8 (surr.)	67	%	70	130	
22 Jun 2022	900392	Normal	WATER	SW6	21/06/2022	Triphenylphosphate (surr.)	51	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	13C2-4:2 FTSA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	13C2-PFTeDA (surr.)	54	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	13C2-PFUnDA (surr.)	126	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	13C4-PFBA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	13C5-PFPeA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	13C8-FOSA (surr.)	66	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	13C8-PFOA (surr.)	127	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	4-Bromofluorobenzene (surr.)	72	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	D3-N-MeFOSA (surr.)	44	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	D5-N-EtFOSA (surr.)	40	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	D7-N-MeFOSE (surr.)	44	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	D9-N-EtFOSE (surr.)	41	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	Dibutylchlorendate (surr.)	53	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	Nitrobenzene-d5 (surr.)	55	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	p-Terphenyl-d14 (surr.)	65	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	Phenol-d6 (surr.)	32	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	Tetrachloro-m-xylene (surr.)	73	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	Toluene-d8 (surr.)	72	%	70	130	
22 Jun 2022	900392	Normal	WATER	SW7	21/06/2022	Triphenylphosphate (surr.)	52	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	13C2-4:2 FTSA (surr.)	74	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	13C2-PFDoDA (surr.)	71	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	13C2-PFTeDA (surr.)	62	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	13C4-PFBA (surr.)	64	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	13C5-PFHxA (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	13C5-PFPeA (surr.)	56	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	13C8-FOSA (surr.)	73	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	4-Bromofluorobenzene (surr.)	72	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	D3-N-MeFOSA (surr.)	41	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	D5-N-EtFOSA (surr.)	36	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	D7-N-MeFOSE (surr.)	41	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	D9-N-EtFOSE (surr.)	36	%	20	130	

SDG	Lab_Report_Number	Matrix_Type	Sampled_Date-Time	Method_Name	Compound	Recovery %	Result_Type	LCL	UCL	UCL	Lab_Comments
22 Jun 2022	900392	Normal	WATER	SW8	21/06/2022	Triphenylphosphate (surr.)	70	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	13C4-PFBA (surr.)	68	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	13C5-PFNA (surr.)	129	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	13C5-PFPeA (surr.)	70	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	13C8-PFOA (surr.)	137	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	4-Bromofluorobenzene (surr.)	68	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	D3-N-MeFOSA (surr.)	43	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	D5-N-EtFOSA (surr.)	40	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	D7-N-MeFOSE (surr.)	43	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	D9-N-EtFOSE (surr.)	41	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	p-Terphenyl-d14 (surr.)	52	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	Phenol-d6 (surr.)	26	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	Tetrachloro-m-xylene (surr.)	60	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW9	21/06/2022	Toluene-d8 (surr.)	69	%	70	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	13C2-PFTeDA (surr.)	58	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	13C4-PFHpA (surr.)	127	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	13C5-PFNA (surr.)	131	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	13C5-PFPeA (surr.)	72	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	13C8-PFOA (surr.)	135	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	4-Bromofluorobenzene (surr.)	68	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	D3-N-MeFOSA (surr.)	39	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	D5-N-EtFOSA (surr.)	37	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	D7-N-MeFOSE (surr.)	39	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	D9-N-EtFOSE (surr.)	36	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	p-Terphenyl-d14 (surr.)	61	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	Phenol-d6 (surr.)	30	%	20	130	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	Tetrachloro-m-xylene (surr.)	66	%	50	150	
22 Jun 2022	900392	Normal	WATER	SW10	21/06/2022	Toluene-d8 (surr.)	67	%	70	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C2-6:2 FTSA (surr.)	133	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C2-PFDoDA (surr.)	71	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C2-PFTeDA (surr.)	60	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C4-PFBA (surr.)	61	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C5-PFNA (surr.)	128	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C5-PFPeA (surr.)	61	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C8-FOSA (surr.)	73	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	13C8-PFOA (surr.)	135	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	4-Bromofluorobenzene (surr.)	71	%	50	150	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	D3-N-MeFOSA (surr.)	34	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	D5-N-EtFOSA (surr.)	29	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	D7-N-MeFOSE (surr.)	34	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	D9-N-EtFOSE (surr.)	29	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	Dibutylchlorendate (surr.)	56	%	50	150	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	Nitrobenzene-d5 (surr.)	62	%	50	150	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	Phenol-d6 (surr.)	39	%	20	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	Toluene-d8 (surr.)	74	%	70	130	
22 Jun 2022	900392	Field_D	WATER	D01_20220621	21/06/2022	Triphenylphosphate (surr.)	58	%	50	150	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	13C4-PFBA (surr.)	73	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	13C4-PFHpA (surr.)	70	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	13C5-PFHxA (surr.)	73	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	13C5-PFPeA (surr.)	71	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	13C8-FOSA (surr.)	68	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	13C8-PFOA (surr.)	74	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	D3-N-MeFOSA (surr.)	68	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	D5-N-EtFOSA (surr.)	62	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	D7-N-MeFOSE (surr.)	68	%	20	130	
22 Jun 2022	900392	Field_D	SOIL	D01_20220621	21/06/2022	D9-N-EtFOSE (surr.)	68	%	20	130	

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APPENDIX C BORELOGS

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GROUNDWATER LOG MW01

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 20/06/2022 - 20/06/2022
TOTAL DEPTH 13.1
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 290169, 6243316
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY IS + JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			TOPSOIL: Brown with orange mottling, clay, roots, soft, moist, moderate to high plasticity	MW01	0
0.5					-0.5
1					-1
1.5					-1.5
2					-2
2.5					-2.5
3					-3
3.5					-3.5
4					-4
4.5					-4.5
5			SHALE: Grey weathered shale, hard black inclusions		-5
5.5					-5.5
6			SHALE: Light grey, highly weathered shale		-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5
10					-10

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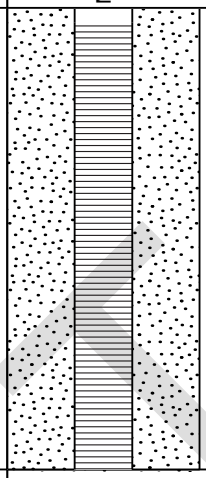
GROUNDWATER LOG MW01

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
10.5					-10.5
11					-11
11.5					-11.5
12					-12
12.5					-12.5
13					-13
13.5			Termination Depth at:13.1 m		-13.5
14					-14
14.5					-14.5
15					-15
15.5					-15.5
16					-16
16.5					-16.5
17					-17
17.5					-17.5
18					-18
18.5					-18.5
19					-19
19.5					-19.5
20					-20
20.5					-20.5
21					-21
21.5					-21.5

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GROUNDWATER LOG MW02

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 20/06/2022 - 20/06/2022
TOTAL DEPTH 8.5
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 290620, 6243459
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY IS + JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			TOPSOIL: Grey, brown mottles, sandy clay, small rocks	MW02	0
0.5			CLAY: Orange/grey/brown mottling clay, highly plastic, moderate stiffness.		-0.5
1					-1
1.5			CLAY: Tan/grey sandy clay, red mottling, very soft, low plasticty. At 1.5 m lighter colour.		-1.5
2					-2
2.5			CLAY: Medium brown clay, black mottles, highly plastic, moist, soft.		-2.5
3					-3
3.5					-3.5
4			CLAY: Brownish grey clay, medium-high plasticity, soft, damp.		-4
4.5					-4.5
5					-5
5.5			SHALE: Brownish grey highly weathered shale.		-5.5
6					-6
6.5					-6.5
7		▽			-7
7.5					-7.5
8					-8
8.5			Termination Depth at:8.5 m		-8.5
9					-9
9.5					-9.5

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GROUNDWATER LOG MW03

PROJECT NUMBER 0571466	**DRILLING DATE** 20/06/2022 - 20/06/2022	**COORDINATES** 290745, 6243492
PROJECT NAME WPCA Aerotropolis	**TOTAL DEPTH** 7.5	**COORD SYS** GDA94_MGA_zone_56
CLIENT WPCA	**DIAMETER** 50mm	**COMPLETION**
ADDRESS 15 Badgerys Creek Road	**CASING** PVC	**SURFACE ELEVATION**
LICENCE NO.	**SCREEN**	**WELL TOC**

COMMENTS

LOGGED BY IS + JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0.5			CLAY: Brown clay, moist, soft, moderate to high plasticity, roots. At 0.15 m red/brown clay with grey mottling, moist, medium stiff, high plasticity. At 0.7 m colour change to yellow/brown.	MW03	-0.5
1					-1
1.5			CLAY: Yellow with grey mottles, clay, damp, moderate plasticity. At 1.5 m grey with brown mottle.		-1.5
2			CLAY: Brown clay, stiff, highly plastic		-2
2.5					-2.5
3			CLAY: Brown with tan/grey inclusions, clay, stiff, damp, white medium sized rock inclusions.		-3
3.5					-3.5
4			CLAY: Red/brown clay, low to moderate plasticty, stiff. At 4.5 m significantly harder		-4
4.5					-4.5
5			SHALE: Brown/grey weathered shale, damp		-5
5.5			CLAY: Brown clay with shale inclusions, more moist		-5.5
6					-6
6.5					-6.5
7					-7
7.5			Termination Depth at:7.5 m		-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5

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GROUNDWATER LOG MW04

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 21/06/2022 - 21/06/2022
TOTAL DEPTH 13.2
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 290467, 6243706
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY IS + JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram (MW04)	Elevation (m)
0			TOPSOIL: Brown silty clay topsoil, damp, moderate plasticty, soft		0
0.5			CLAY: Red/brown clay, moist, medium stiff, moderate to high plasticity, tan mottle		-0.5
1					-1
1.5			CLAY: Grey low to moderate plasticity, clay with shale inclusions, stiff		-1.5
2					-2
2.5			CLAY: Brown clay, stiff, low to moderate plasticity, grey weathered shale inclusions, damp.		-2.5
3					-3
3.5			CLAY: Grey/brown weathered clay, stiff, damp, low plasticity.		-3.5
4					-4
4.5					-4.5
5			CLAY: Grey weathered clay, stiff, damp, low plasticity, transition to weathered shale at 6 m.		-5
5.5					-5.5
6					-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5
10					-10

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GROUNDWATER LOG MW04

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
10.5			SHALE: Grey weathered shale, stiff	MW04	-10.5
11					-11
11.5					-11.5
12					-12
12.5					-12.5
13					-13
13.5			Termination Depth at:13.2 m		-13.5
14					-14
14.5					-14.5
15					-15
15.5					-15.5
16					-16
16.5					-16.5
17					-17
17.5					-17.5
18					-18
18.5					-18.5
19					-19
19.5					-19.5
20					-20
20.5					-20.5
21					-21
21.5					-21.5

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GROUNDWATER LOG MW05

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 17/11/2021 - 17/11/2021
TOTAL DEPTH 10.5
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 290978, 6243568
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			Grey silty plastic clay topsoil. Low plasticity, moist, very soft, homogenous	MW05	0
0.5			Mottled tan and grey, damp, soft, low plasticity.		-0.5
1			Tan clay. Wet, plastic, soft, homogenous. Grey / red mottle.		-1
1.5					-1.5
2					-2
2.5					-2.5
3					-3
3.5					-3.5
4			Grey weathered shale. Damp, homogenous, stiff.		-4
4.5					-4.5
5					-5
5.5					-5.5
6					-6
6.5					-6.5
7			▽		-7
7.5					-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5
10					-10

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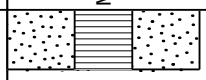
GROUNDWATER LOG MW05

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
10.5			Termination Depth at:10.5 m		-10.5
11					-11
11.5					-11.5
12					-12
12.5					-12.5
13					-13
13.5					-13.5
14					-14
14.5					-14.5
15					-15
15.5					-15.5
16					-16
16.5					-16.5
17					-17
17.5					-17.5
18					-18
18.5					-18.5
19					-19
19.5					-19.5
20					-20
20.5					-20.5
21					-21
21.5					-21.5

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GROUNDWATER LOG MW06

PROJECT NUMBER 0571466	**DRILLING DATE** 20/06/2022 - 20/06/2022	**COORDINATES** 290798, 6243380
PROJECT NAME WPCA Aerotropolis	**TOTAL DEPTH** 5	**COORD SYS** GDA94_MGA_zone_56
CLIENT WPCA	**DIAMETER** 50mm	**COMPLETION**
ADDRESS 15 Badgerys Creek Road	**CASING** PVC	**SURFACE ELEVATION**
LICENCE NO.	**SCREEN**	**WELL TOC**

COMMENTS

LOGGED BY IS + JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0.5			CLAY: Red/orange clay with grey mottles, wet, high plasicity, soft, heterogenous. At 2 m brown.	MW06	-0.5
1					-1
1.5					-1.5
2					-2
2.5					-2.5
3					-3
3.5		▽			-3.5
4					-4
4.5					-4.5
5			Termination Depth at:5 m		-5
5.5					-5.5
6					-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5

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GROUNDWATER LOG MW07

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 19/11/2021 - 19/11/2021
TOTAL DEPTH 21.5
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 290602, 6244436
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			Brown clay. Damp, med stiffness, low-medium plasticity, homogenous, minor root inclusions	MW07	0
0.5			Orange / red and grey mottled clay. Damp, soft, med-high plasticity		-0.5
1					-1
1.5					-1.5
2			Tan / grey weathered shale. Harder with depth.		-2
2.5					-2.5
3					-3
3.5					-3.5
4					-4
4.5					-4.5
5					-5
5.5					-5.5
6					-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5
10					-10

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GROUNDWATER LOG MW07

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
10.5					-10.5
11					-11
11.5					-11.5
12					-12
12.5					-12.5
13					-13
13.5					-13.5
14					-14
14.5		▽			-14.5
15					-15
15.5					-15.5
16					-16
16.5					-16.5
17					-17
17.5					-17.5
18					-18
18.5					-18.5
19					-19
19.5					-19.5
20					-20
20.5					-20.5
21					-21
21.5			Termination Depth at:21.5 m		-21.5

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GROUNDWATER LOG MW08

PROJECT NUMBER 0571466	**DRILLING DATE** 22/11/2021 - 22/11/2021	**COORDINATES** 290379, 6243938
PROJECT NAME WPCA Aerotropolis	**TOTAL DEPTH** 8.25	**COORD SYS** GDA94_MGA_zone_56
CLIENT WPCA	**DIAMETER** 50mm	**COMPLETION**
ADDRESS 15 Badgerys Creek Road	**CASING** PVC	**SURFACE ELEVATION**
LICENCE NO.	**SCREEN**	**WELL TOC**

COMMENTS

LOGGED BY JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			Brown clay. Moist, med stiffness, low-medium plasticity, homogenous, minor root inclusions	MW08	0
0.5			Hard red clay with minor grey mottle and shale inclusions. Low-medium plasticity, moist. Minor charcoal inclusions		-0.5
1					-1
1.5					-1.5
2					-2
2.5			Grey / tan weathered shale. Damp.		-2.5
3					-3
3.5			Grey / brown heterogenous shales. Hard, damp, minor orange / red mottle.		-3.5
4					-4
4.5					-4.5
5			Grey, hard shales.		-5
5.5			▽		-5.5
6					-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5			Termination Depth at:8.25 m		-8.5
9					-9
9.5					-9.5

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GROUNDWATER LOG MW09

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 18/11/2021 - 18/11/2021
TOTAL DEPTH 11.9
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 291093, 6244368
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			Brown clay. Damp, med stiffness, low-medium plasticity, homogenous, minor root inclusions	MW09	0
0.5			Hard red clay with minor grey mottle and shale inclusions. Low-medium plasticity, damp.		-0.5
1			Grey clay with red mottle. Moderate plasticity, damp, soft.		-1
1.5					-1.5
2					-2
2.5			Tan weathered shales.		-2.5
3					-3
3.5					-3.5
4					-4
4.5					-4.5
5					-5
5.5					-5.5
6					-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5					-8.5
9			▽		-9
9.5					-9.5
10					-10

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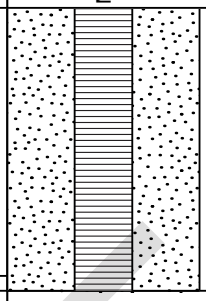
GROUNDWATER LOG MW09

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
10.5					-10.5
11					-11
11.5					-11.5
12			Termination Depth at:11.9 m		-12
12.5					-12.5
13					-13
13.5					-13.5
14					-14
14.5					-14.5
15					-15
15.5					-15.5
16					-16
16.5					-16.5
17					-17
17.5					-17.5
18					-18
18.5					-18.5
19					-19
19.5					-19.5
20					-20
20.5					-20.5
21					-21
21.5					-21.5

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GROUNDWATER LOG MW10

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 18/11/2021 - 18/11/2021
TOTAL DEPTH 11.85
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 290892, 6244063
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			Brown clay. Damp, med stiffness, low-medium plasticity, homogenous, minor root inclusions	MW10	0
0.5			Hard red clay with minor grey mottle and shale inclusions. Low-medium plasticity, damp.		-0.5
1			Stiff, grey clay with orange mottle. Damp, low plasticity		-1
1.5					-1.5
2					-2
2.5					-2.5
3			grey weathered shales with orange mottle. Increasingly hard with depth.		-3
3.5					-3.5
4					-4
4.5					-4.5
5					-5
5.5					-5.5
6			Very hard grey shale.		-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5
10					-10

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GROUNDWATER LOG MW10

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
10.5					-10.5
11					-11
11.5					-11.5
12			Termination Depth at:11.85 m		-12
12.5					-12.5
13					-13
13.5					-13.5
14					-14
14.5					-14.5
15					-15
15.5					-15.5
16					-16
16.5					-16.5
17					-17
17.5					-17.5
18					-18
18.5					-18.5
19					-19
19.5					-19.5
20					-20
20.5					-20.5
21					-21
21.5					-21.5

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GROUNDWATER LOG MW11

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 15 Badgerys Creek Road
LICENCE NO.

DRILLING DATE 17/11/2021 - 17/11/2021
TOTAL DEPTH 5.9
DIAMETER 50mm
CASING PVC
SCREEN

COORDINATES 291326, 6243916
COORD SYS GDA94_MGA_zone_56
COMPLETION
SURFACE ELEVATION
WELL TOC

COMMENTS

LOGGED BY JE
CHECKED BY

Depth (m)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (m)
0			Brown clay. Damp, med stiffness, low-medium plasticity, homogenous, minor root inclusions		0
0.5			Tan / grey mottled clay, damp, soft, low plasticity		-0.5
1					-1
1.5					-1.5
2					-2
2.5					-2.5
3					-3
3.5					-3.5
4			▽		-4
4.5					-4.5
5					-5
5.5					-5.5
6			Termination Depth at:5.9 m		-6
6.5					-6.5
7					-7
7.5					-7.5
8					-8
8.5					-8.5
9					-9
9.5					-9.5

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ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP02

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290315, 6243033
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP02_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
						(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
	1.1	AI_TP02_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP03

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290147, 6243017
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP03_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
						(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
	1.1	AI_TP03_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP05

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290145, 6243113
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP05_0.1	Y			(N5) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1.3	AI_TP05_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP06

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290321, 6243117
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP06_0.1	Y			(N6) CLAY: Silty, minor charcoal inclusions, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
						(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
0.5	1	AI_TP06_0.5	Y			Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP08

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290280, 6243150
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP08_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.4	AI_TP08_0.3	Y			(N1) CLAY: Mottled orange/red and grey, dry, hard, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP09

PROJECT NUMBER 0571466	**DRILLING DATE** 21/12/2021 - 21/12/2021	**COORDINATES** 290327, 6243140
PROJECT NAME WPCA Aerotropolis	**DRILLING COMPANY** ERM	**COORD SYS** GDA94_MGA_zone_56
CLIENT WPCA	**DRILLER** JE	**SURFACE ELEVATION**
ADDRESS 215 Badgerys Creek Road	**DRILLING METHOD** Test Pitting	**LOGGED BY** JE
	TOTAL DEPTH 0.5	**CHECKED BY** NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP09_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1	AI_TP09_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP100

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290491, 6243631
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP100_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP100_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP101

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290528, 6243615
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP101_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP101_0.3	Y			(N1) CLAY: Red/brown, stiff, crumbly, damp, hard, minor rock inclusions.	No odour, no staining.
						Termination Depth at:0.3 m	

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ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP102

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290612, 6243639
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP102_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.1	AI_TP102_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.3	AI_TP102_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP103

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290638, 6243637
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP103_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.7	AI_TP103_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	6.5	AI_TP103_0.3					
						Termination Depth at:0.3 m	

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ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP104

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290696, 6243634
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP104_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP104_0.1	Y				
	0.9	AI_TP104_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP105

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290740, 6243658
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP105_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP105_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP107

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290342, 6243775
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP107_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1	AI_TP107_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, high plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP108

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.9

COORDINATES 290446, 6243674
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.5	AI_TP108_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
0.5	0.5	AI_TP108_0.5	Y			(N4) CLAY: Brown, with extremely weathered shales damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
						Termination Depth at:0.9 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP109

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290467, 6243782
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP109_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP109_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP11

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.1

COORDINATES 291319, 6244717
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP11_0.1	Y			(N2) CLAY: Brown, wet, fine, homogenous, moderate plasticity.	No odour, no staining.
						Termination Depth at:0.1 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP110

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290499, 6243774
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP110_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP110_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP111

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290602, 6243705
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP111_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP111_0.1	Y				
	0.7	AI_TP111_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP112

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290667, 6243702
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP112_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.6	AI_TP112_0.1	Y				
	0.6	AI_TP112_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP113

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290732, 6243683
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP113_0	Y			(F3) FILL: ROAD-BASE: Sandy GRAVEL roadbase, brown and grey, damp, moderately well sorted, fine-medium grain size, sub-rounded, frequent angular medium sized gravel inclusions.	No odour, no staining.
		AI_TP113_0.1	Y				
		AI_TP113_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP115

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290336, 6243717
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP115_0.1	Y			(N6) CLAY: Silty topsoil, grey, wet, low plasticity, very soft, homogenous.	No odour, no staining.
		AI_TP115_0.3	Y			(N3) CLAY: Grey/brown mottled clay with minor red mottle, high plasticity, very soft.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP116

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290376, 6243706
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.1	AI_TP116_0.1	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP117

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.2

COORDINATES 290434, 6243704
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP117_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP117_0.2	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.2 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP118

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.2

COORDINATES 290504, 6243712
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	7.8	AI_TP118_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	4	AI_TP118_0.2	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.2 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP119

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290577, 6243714
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP119_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP119_0.1	Y				
	0.8	AI_TP119_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP12

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290263, 6243196
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP12_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP12_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP120

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290638, 6243730
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP120_0	Y			(N4) CLAY: Brown, wet, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP120_0.1	Y				
	0.8	AI_TP120_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, wet, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP121

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290393, 6243758
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP121_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP121_0.1	Y				
						(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
	0.8	AI_TP121_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP122

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290438, 6243746
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP122_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP122_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.8	AI_TP122_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP123

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290469, 6243747
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP123_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.5	AI_TP123_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.6	AI_TP123_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP124

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290540, 6243760
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP124_0	Y			(N4) CLAY: Brown, wet, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP124_0.1	Y				
	0.8	AI_TP124_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, wet, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP125

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290871, 6242177
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP125_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP125_0.1	Y				
	0.7	AI_TP125_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP126

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290351, 6243837
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP126_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP126_0.1	Y				
						(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
	0.9	AI_TP126_0.3					
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP127

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290437, 6243792
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP127_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP127_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.8	AI_TP127_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP128

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290491, 6243829
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP128_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP128_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP129

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290545, 6243833
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP129_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP129_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP13

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290303, 6243184
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.5	AI_TP13_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	6.5					(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	1.5	AI_TP13_0.3	Y				
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP130

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290584, 6243816
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP130_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP130_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP131

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290938, 6242193
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP131_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP131_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP132

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290376, 6243944
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP132_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP132_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP133

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290446, 6243911
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP133_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.6	AI_TP133_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP134

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290498, 6243913
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.7	AI_TP134_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.7	AI_TP134_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP135

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290551, 6243911
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.7	AI_TP135_0.1	Y			(T1) FILL: TOPSOIL, SILTY CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.8	AI_TP135_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP136

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290598, 6243902
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.7	AI_TP136_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.7	AI_TP136_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP137

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290382, 6243936
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP137_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.7	AI_TP137_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP138

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290446, 6243931
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP138_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.7	AI_TP138_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP139

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290508, 6243928
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP139_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.6	AI_TP139_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP14

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290344, 6243176
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP14_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP14_0.4	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP140

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290560, 6243927
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP140_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP140_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	1.7	AI_TP140_0.4				(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP141

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290376, 6243987
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP141_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP141_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP142

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290453, 6243984
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP142_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.6	AI_TP142_0.1	Y				
	0.8	AI_TP142_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP143

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290495, 6243980
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP143_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP143_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.6	AI_TP143_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP144

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290573, 6243972
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP144_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic, ceramic, and brick inclusions.	No odour, no staining.
	1.2	AI_TP144_0.1	Y				
						(F2) FILL: SILTY SAND: SAND brown, wet, fine to coarse grain, poorly sorted, sub-rounded, ceramic and brick inclusions.	No odour, no staining.
	0.9	AI_TP144_0.2	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.7	AI_TP144_0.3					
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP145

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290637, 6243972
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP145_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP145_0.1	Y				
	0.9	AI_TP145_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP146

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290408, 6244060
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP146_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.4	AI_TP146_0.1	Y				
	0.4	AI_TP146_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP147

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290481, 6244047
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP147_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP147_0.1	Y				
	0.5	AI_TP147_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP148

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290545, 6244038
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP148_0	Y			(N4) CLAY: Brown, very wet, medium stiffness, low-medium plasticity, homogenous, minor organic, glass, and metal inclusions.	No odour, no staining.
	0.7	AI_TP148_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.4	AI_TP148_0.3					
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP149

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 8/11/2021 - 8/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.2

COORDINATES 290613, 6244022
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP149_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.4	AI_TP149_0.1	Y				
	0.4	AI_TP149_0.2				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.2 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP15

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290442, 6243157
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
						(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1	AI_TP15_0.1 AI_TP15-0.1	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
	0.9	AI_TP15_0.3 AI_TP15-0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

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ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP150

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290474, 6244093
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP150_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP150_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

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ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP151

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290508, 6244071
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP151_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP151_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP152

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290649, 6244078
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP152_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP152_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP153

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 28/10/2021 - 28/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290622, 6244267
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	59.9	AI_TP153_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	6.8	AI_TP153_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, dry, hard, low plasticity.	PID: Eucalyptus tress adjacent
						Termination Depth at:0.3 m	

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ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP154

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 28/10/2021 - 28/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290599, 6244299
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	23.2	AI_TP154_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	4.7	AI_TP154_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, dry, hard, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

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ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP155

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 28/10/2021 - 28/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290626, 6244304
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	6.7	AI_TP155_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	3.2	AI_TP155_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, dry, crumbly, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP156

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 28/10/2021 - 28/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290588, 6244336
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	25.5	AI_TP156_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	2.3	AI_1P156_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP157

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290615, 6244343
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	7.3	AI_TP157_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	2.3	AI_TP157_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP158

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290545, 6244423
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP158_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP158_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP159

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290559, 6244391
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP159_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, dry, crumbly.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP16

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290485, 6243214
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP16_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP16_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP160

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290626, 6244365
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP160_0.1				(N2) CLAY: Red with minor grey mottle and shale inclusions, dry, stiff, non-plastic.	No odour, no staining.
		AI_TP160_0.3	Y				
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP161

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 28/10/2021 - 28/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290648, 6244361
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP161_0.05	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP161_0.1					
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	1.5	AI_TP161_0.3	Y				
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP162

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 28/10/2021 - 28/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290695, 6244328
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP162_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP162_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP163

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP163_0.1	Y			(N4) CLAY: Brown, moist medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP163_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, moist, hard, plastic.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP164

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290584, 6244445
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP164_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP164_0.3				(N1) CLAY: Mottled orange/red and grey, damp, soft, moderate plasticity, orange decreasing with depth.	No odour, no staining.
		AI_TP164_0.4	Y				
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP165

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290608, 6244438
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP165_0.1	Y			(N4) CLAY: Brown, moist, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP165_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP166

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290636, 6244430
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP166_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP166_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP167

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290541, 6244527
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP167_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP167_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP168

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP168_0.1	Y			(N4) CLAY: Brown, wet, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP168_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP169

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290607, 6244493
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP169_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP169_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP170

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290658, 6244479
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	9.7	AI_TP170_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP170_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, crumbly.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP171

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290547, 6244550
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP171_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP171_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, hard.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP172

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 27/10/2021 - 27/10/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290595, 6244551
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP172_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP172_0.3	Y			(N3) CLAY: Mottled tan and grey, charcoal inclusions, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP173

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290950, 6243614
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP173_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.6	AI_TP173_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP176

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290903, 6243616
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP176_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP176_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP177

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291021, 6243622
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP177_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP177_0.4	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP178

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP178_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP178_0.4	Y			(N3) CLAY: Mottled tan and grey, charcoal inclusions, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP179

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 291142, 6243590
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP179_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP179_0.4	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
0.5							
						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP18

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290146, 6243053
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.6	AI_TP18_0.2	Y			(N1) CLAY: Light brown, very fine, damp, homogenous.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP181

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290882, 6243664
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP181_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP181_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP182

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290921, 6243616
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP182_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP182_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP183

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290937, 6243594
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP183_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP183_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP184

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 291093, 6243637
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP184_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP184_0.4	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP186

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290929, 6243727
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP186_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP186_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP187

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290961, 6243680
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP187_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP187_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP188

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290974, 6243639
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP188_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP188_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP189

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290979, 6243619
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP189_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP189_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP19

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290273, 6243222
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.3	AI_TP19_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP19_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP193

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290880, 6243789
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	3.9	AI_TP193_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP193_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP194

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290948, 6243742
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP194_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP194_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP195

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291023, 6243701
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP195_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP195_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP196

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291054, 6243685
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP196_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.1	AI_TP196_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP197

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291150, 6243764
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP197_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP197_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP20

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290358, 6243215
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP20_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.9	AI_TP20_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP200

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291880, 6243831
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP200_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP200_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP201

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290944, 6243819
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP201_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP201_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP202

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291004, 6243801
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP202_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP202_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP203

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291044, 6243792
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP203_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP203_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP204

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291096, 6243784
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP204_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP204_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP205

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291239, 6243817
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP205_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP205_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP208

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP208_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP208_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP209

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP209_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP209_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP21

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290414, 6243243
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP21_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.4	AI_TP21_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP210

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291040, 6243842
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP210_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP210_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP211

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291103, 6243846
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP211_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP211_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP212

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP212_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP212_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, hard.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP213

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291201, 6243855
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP213_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP213_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP214

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291244, 6243851
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP214_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP214_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP215

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291325, 6243877
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP215_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP215_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP216

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291288, 6243865
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP216_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP216_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP217

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290949, 6243916
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP217_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP217_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP218

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291008, 6243906
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	5.5	AI_TP218_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.6	AI_TP218_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP219

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291040, 6243908
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP219_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP219_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP22

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290455, 6243230
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP22_0.1	Y			(N5) CLAY: Silty topsoil, grey, damp, very soft, low plasticity, homogenous.	No odour, no staining.
	1.5	AI_TP22_0.3	Y			(N1) CLAY: Mottled orange/red and grey, dry, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP220

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP220_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP220_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP221

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291114, 6243905
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP221_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP221_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP222

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291157, 6243906
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP222_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP222_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP223

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291229, 6243909
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP223_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.4	AI_TP223_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP224

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291333, 6244113
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP224_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP224_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP225

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 1

COORDINATES 291363, 6243917
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP225_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.7	AI_TP225_0.4	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
0.5							
1						Termination Depth at:1 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP226

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290848, 6243936
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP226_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP226_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP227

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290939, 6243951
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP227_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP227_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP228

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291009, 6243940
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP228_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP228_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP229

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291023, 6243948
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP229_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP229_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP23

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 290559, 6243227
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.6	AI_TP23_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.5	AI_TP23_0.4	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
0.5						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP230

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291080, 6243956
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP230_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP230_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP231

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291160, 6243956
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP231_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.1	AI_TP231_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP232

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.1

COORDINATES 291222, 6243962
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP232_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
						(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity. Termination Depth at:0.1 m	No odour, no staining.

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP233

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.1

COORDINATES 291272, 6243964
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP233_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
						(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity. Termination Depth at:0.1 m	No odour, no staining.

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP234

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291333, 6243961
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP234_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP234_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP235

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290925, 6244003
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP235_0.1	Y			(N4) CLAY: Brown, wet, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP235_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP236

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290980, 6244014
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP236_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP236_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP237

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291040, 6244026
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP237_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP237_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP238

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291101, 6244037
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP238_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP238_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP239

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291155, 6244037
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP239_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP239_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP24

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.7

COORDINATES 290594, 6243228
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP24_0.1	Y			(N6) CLAY: Silty topsoil, grey, saturated, low plasticity, very soft, homogenous.	No odour, no staining.
	0.9	AI_TP24_0.3	Y			(N3) CLAY: Mottled tan and dark grey, saturated, soft, low plasticity.	No odour, no staining.
0.5							
						Termination Depth at:0.7 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP240

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291191, 6244048
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP240_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP240_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP241

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291215, 6244041
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP241_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP241_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP242

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291247, 6244051
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP242_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP242_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP243

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291299, 6244051
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP243_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP243_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP244

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP244_0.1	Y			(N4) CLAY: Brown, dry, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP244_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP245

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290924, 6244039
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP245_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP245_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP246

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290996, 6244043
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP246_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP246_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP247

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291065, 6244051
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP247_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP247_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP248

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290938, 6244056
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP248_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP248_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP249

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291149, 6244055
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP249_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP249_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP25

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290633, 6243242
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.6	AI_TP25_0.1	Y			(N1) CLAY: Brown, fine, damp, meduim to low plasticity.	No odour, no staining.
	0.4	AI_TP25_0.3	Y			(N1) CLAY: Red/brown, fine, homogenous, damp, medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP250

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291193, 6244060
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP250_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP250_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP251

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291278, 6244082
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP251_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP251_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP252

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290860, 6244070
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP252_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP252_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP253

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290916, 6244066
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP253_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP253_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP254

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290954, 6244067
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP254_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP254_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP255

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291006, 6244070
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP255_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP255_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP256

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291045, 6244070
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP256_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.6	AI_TP256_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP257

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP257_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP257_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP258

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 291183, 6244098
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP258_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP258_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP259

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291245, 6244115
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP259_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP259_0.3				(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP260

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290838, 6244189
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP260_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP260_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP261

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290909, 6244191
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP261_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP261_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP262

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290979, 6244184
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP262_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP262_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP263

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 291052, 6244178
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP263_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP263_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP264

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291135, 6244169
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP264_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP264_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP265

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291209, 6244165
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP265_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP265_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP266

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP266_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP266_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP267

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290898, 6244201
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP267_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP267_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP268

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290985, 6244201
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP268_0.1	Y			(N4) CLAY: Brown, plastic mesh inclusions damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP268_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP269

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP269_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP269_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP27

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290397, 6243232
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.3	AI_TP27_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.3	AI_TP27_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP270

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP270_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP270_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP271

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP271_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP271_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP272

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291207, 6244214
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP272_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP272_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP273

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290738, 6244293
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP273_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP273_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP274

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290813, 6244282
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP274_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP274_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP275

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290872, 6244280
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP275_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP275_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP276

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290922, 6244278
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP276_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP276_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP277

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290965, 6244269
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP277_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP277_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP278

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291002, 6244270
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP278_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP278_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP279

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291057, 6244261
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP279_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP279_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP28

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290417, 6243208
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.3	AI_TP28_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
						(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP280

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291117, 6244261
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP280_0.1	Y			(F2) FILL: SILTY SAND: Silty SAND, brown, medium-large gravel inclusions, poor to moderate sorting, medium-course grain size, sub-rounded.	No odour, no staining.
	1.4	AI_TP280_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP281

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291192, 6244250
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP281_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP281_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP282

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290768, 6244369
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP282_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP282_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP283

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290845, 6244362
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP283_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP283_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP284

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP284_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP284_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP285

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP285_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.5	AI_TP285_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP286

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291027, 6244340
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP286_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP286_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP287

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291087, 6244332
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP287_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP287_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP288

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291148, 6244330
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP288_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP288_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP289

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291223, 6244321
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP289_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP289_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP29

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290488, 6243293
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP29_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP29_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP290

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290723, 6244393
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	3.8	AI_TP290_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP290_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP291

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290783, 6244380
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP291_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP291_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP292

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290854, 6244388
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP292_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP292_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP293

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290904, 6244386
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP293_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP293_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP294

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290949, 6244375
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP294_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1	AI_TP294_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP295

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291018, 6244371
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP295_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP295_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP296

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 291089, 6244362
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP296_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.3	AI_TP296_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP297

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291160, 6244360
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP297_0.1	Y			(N4) CLAY: Brown, moist, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP297_0.3	Y			(N1) CLAY: Mottled orange/red and grey, moist, soft, plastic, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP298

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291223, 6244352
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP298_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP298_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP299

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290783, 6244454
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.6	AI_TP299_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP299_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP30

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290531, 6243281
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP30_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP30_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP300

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290850, 6244458
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP300_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP300_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP301

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290910, 6244452
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP301_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP301_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP302

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290979, 6244444
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP302_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP302_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP303

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291034, 6244436
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP303_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP303_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP304

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291098, 6244432
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP304_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP304_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP305

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291165, 6244423
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP305_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.7	AI_TP305_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP306

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291239, 6244420
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP306_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP306_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP307

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290775, 6244479
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP307_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP307_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP308

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290843, 6244480
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP308_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP308_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP309

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290909, 6244468
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP309_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1	AI_TP309_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP31

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290600, 6243255
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP31_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP31_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP310

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290959, 6244463
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP310_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	0.9	AI_TP310_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP311

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291077, 6244453
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP311_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP311_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP312

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291162, 6244446
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP312_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP312_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP313

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291192, 6244443
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP313_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP313_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP314

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291241, 6244439
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP314_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP314_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP315

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290736, 6244521
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP315_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP315_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP316

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290832, 6244519
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP316_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP316_0.3	Y			(N1) CLAY: Mottled orange/red and grey, moist, soft, plastic, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP317

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290923, 6244519
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP317_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.6	AI_TP317_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP318

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291008, 6244508
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP318_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP318_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP319

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291070, 6244505
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP319_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.4	AI_TP319_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP32

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290678, 6243331
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP32_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.6	AI_TP32_0.4	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP320

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 291131, 6244514
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP320_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, hard.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP33

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.1

COORDINATES 290745, 6243297
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP33_0.1	Y			(N2) CLAY: Brown, wet, fine, homogenous, moderate plasticity.	No odour, no staining.
						Termination Depth at:0.1 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP34

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.1

COORDINATES 290780, 6243294
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
						(N2) CLAY: Brown, wet, fine, homogenous, moderate plasticity.	No odour, no staining.
	0.8	AI_TP34_0.1	Y			(N2) CLAY: Brown, wet, fine, homogenous, moderate plasticity.	No odour, no staining.
						Termination Depth at:0.1 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP35

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.2

COORDINATES 290284, 6243287
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP35_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.9	AI_TP35_0.2	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.2 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP36

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290335, 6243263
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP36_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.8	AI_TP36_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP37

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290412, 6243318
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.5	AI_TP37_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.3	AI_TP37_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP39

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290523, 6243354
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP39_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.5	AI_TP39_0.3	Y			(N1) CLAY: Mottled orange/red and grey with grey/brown plastic seam, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP40

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290591, 6243338
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.6	AI_TP40_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.6	AI_TP40_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP41

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290642, 6243309
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP41_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.6	AI_TP41_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP42

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290719, 6243330
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP42_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.6	AI_TP42_0.4	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP43

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290797, 6243351
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP43_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.9	AI_TP43_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP44

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290823, 6243343
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP44_0.1				(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
						(N2) CLAY: Brown, wet, fine, homogenous, moderate plasticity.	No odour, no staining.
	0.9	AI_TP44_0.3				(N3) CLAY: Sandy CLAY, brown, fine, wet, homogenous, moderate plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP45

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290294, 6243382
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP45_0.1	Y			(F2) FILL: Silty SAND, brown, medium-large gravel inclusions, poor to moderate sorting, medium-course grain size, sub-rounded.	No odour, no staining.
	0.6	AI_TP45_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP46

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290412, 6243452
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP46_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.6	AI_TP46_0.4	Y			(F2) FILL: Silty SAND, brown, medium-large gravel inclusions, poor to moderate sorting, medium-course grain size, sub-rounded.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP47

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290450, 6243389
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.3	AI_TP47_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.3	AI_TP47_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP48

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290451, 6243365
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.4	AI_TP48_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.3	AI_TP48_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP49

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290574, 6243389
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.5	AI_TP49_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.5	AI_TP49_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP50

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290600, 6243369
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP50_0.1	Y			(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.4	AI_TP50_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP51

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290651, 6243323
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP51_0.1	Y			(N3) CLAY: Brown/tan clay, plastic, moist, very soft.	No odour, no staining.
	1.4	AI_TP51_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP52

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290732, 6243342
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP52_0.1				(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.2	AI_TP52_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP53

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290814, 6243391
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP53_0.1				(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.3	AI_TP53_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP54

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290945, 6243048
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP54_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.8	AI_TP54_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP55

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290913, 6243384
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP55_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.9	AI_TP55_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP56

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.2

COORDINATES 290310, 6243452
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.8	AI_TP56_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.8	AI_TP56_0.2				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.2 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP58

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290471, 6243474
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.5	AI_TP58_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.4	AI_TP58_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP59

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 290319, 6243478
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP59_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
0.5	0.5	AI_TP59_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP60

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290565, 6243465
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.5	AI_TP60_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5	0.4	AI_TP60_0.5	Y				
						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP61

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290551, 6243422
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.3	AI_TP61_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic and charcoal inclusions.	No odour, no staining.
	0.3	AI_TP61_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale/charcoal inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP62

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290625, 6243380
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.3	AI_TP62_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	2	AI_TP62_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP63

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290722, 6243454
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.4	AI_TP63_0.1				(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.4	AI_TP63_0.3				(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP64

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290756, 6243434
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP64_0.1				(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
	1.3	AI_TP64_0.3				(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP65

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE -
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290819, 6243442
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP65_0.1				(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP65_0.3				(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP66

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290885, 6243402
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.5	AI_TP66_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.5	AI_TP66_0.4	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP67

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 290307, 6243477
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.7	AI_TP67_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.6	AI_TP67_0.4	Y			(N1) CLAY: Bright red, soft, fine, medium plasticity, damp.	No odour, no staining.
0.5							
						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP71

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES ,
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.5	AI_TP71_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.4	AI_TP71_0.4	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP75

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.4

COORDINATES 290792, 6243511
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.4	AI_TP75_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.3	AI_TP75_0.4	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.4 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP76

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290839, 6243495
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.6	AI_TP76_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.4	AI_TP76_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP78

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290308, 6243553
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP78_0.1	Y			(N5) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	0.3	AI_TP78_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP79

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290444, 6243600
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
						(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
	0.4	AI_TP79_0.4	Y				
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP80

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 290463, 6243574
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
0.5	0.5	AI_TP80_0.4	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP81

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290525, 6243563
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
						(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.3	AI_TP81_0.1	Y				
						(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
	0.4	AI_TP81_0.4	Y				
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP82

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 16/11/2021 - 16/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290588, 6243579
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP82_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1	AI_TP82_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP83

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 16/11/2021 - 16/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290632, 6243572
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.9	AI_TP83_0.1	Y			(N6) CLAY: Silty topsoil, grey, wet, low plasticity, very soft, homogenous.	No odour, no staining.
	1	AI_TP83_0.3	Y			(N3) CLAY: Mottled tan and grey, wet, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP84

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 16/11/2021 - 16/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290666, 6243578
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP84_0.1	Y			(N3) CLAY: Mottled tan and grey, saturated, soft, low plasticity.	No odour, no staining.
		AI_TP84_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, wet, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP85

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 16/11/2021 - 16/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290704, 6243572
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP85_0.3	Y			(N3) CLAY: Mottled tan and grey, wet, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP86

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 21/12/2021 - 21/12/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 290800, 6243544
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP86_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
		AI_TP86_0.4	Y			(N2) CLAY: Red with grey mottle and shale inclusions, wet, stiff, low to medium plasticity.	No odour, no staining.
0.5							
						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP88

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290318, 6243611
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.1	AI_TP88_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	0.3	AI_TP88_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, wet, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP89

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290348, 6243596
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1	AI_TP89_0.1	Y			(N6) CLAY: Silty topsoil, grey, saturated, low plasticity, very soft, homogenous.	No odour, no staining.
	1	AI_TP89_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP90

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.5

COORDINATES 290487, 6243524
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP90_0.1	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP90_0.3	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
0.5						Termination Depth at:0.5 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP91

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 290526, 6243539
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.2	AI_TP91_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1.1	AI_TP91_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
0.5							
						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP92

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.6

COORDINATES 290585, 6243540
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	0.1	AI_TP92_0.3	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic and bitumen inclusions.	No odour, no staining.
0.5	1.3	AI_TP92_0.5	Y			(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
						Termination Depth at:0.6 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP93

PROJECT NUMBER 0571466	**DRILLING DATE** 9/11/2021 - 9/11/2021	**COORDINATES** 290605, 6243588
PROJECT NAME WPCA Aerotropolis	**DRILLING COMPANY** ERM	**COORD SYS** GDA94_MGA_zone_56
CLIENT WPCA	**DRILLER** JE	**SURFACE ELEVATION**
ADDRESS 215 Badgerys Creek Road	**DRILLING METHOD** Test Pitting	**LOGGED BY** JE
	TOTAL DEPTH 0.3	**CHECKED BY** NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP93_0	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1.5	AI_TP93_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	1	AI_TP93_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP94

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290644, 6243591
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP94_0	Y			(N4) CLAY: Brown, damp, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.1	AI_TP94_0.1	Y				
						(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
	0.9	AI_TP94_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP95

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 9/11/2021 - 9/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290674, 6243589
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
		AI_TP95_0	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	32.4	AI_TP95_0.1	Y				
						(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
	16.1	AI_TP95_0.3					
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP96

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 16/11/2021 - 16/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290737, 6243589
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.1	AI_TP96_0.1	Y			(N6) CLAY: Silty topsoil, grey, damp, low plasticity, very soft, homogenous.	No odour, no staining.
	1	AI_TP96_0.3	Y			(N1) CLAY: Mottled orange/red and grey, damp, soft, medium-high plasticity, orange decreasing with depth.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP98

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290329, 6243684
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
	1.3	AI_TP98_0.1	Y			(N4) CLAY: Brown, wet, medium stiffness, low-medium plasticity, homogenous, minor organic inclusions.	No odour, no staining.
	1.2	AI_TP98_0.3	Y			(N2) CLAY: Red with minor grey mottle and shale inclusions, damp, stiff, low to medium plasticity.	No odour, no staining.
						Termination Depth at:0.3 m	

DRAFT

ENVIRONMENTAL BOREHOLE / TESTPIT AI_TP99

PROJECT NUMBER 0571466
PROJECT NAME WPCA Aerotropolis
CLIENT WPCA
ADDRESS 215 Badgerys Creek Road

DRILLING DATE 15/11/2021 - 15/11/2021
DRILLING COMPANY ERM
DRILLER JE
DRILLING METHOD Test Pitting
TOTAL DEPTH 0.3

COORDINATES 290417, 6243594
COORD SYS GDA94_MGA_zone_56
SURFACE ELEVATION
LOGGED BY JE
CHECKED BY NG

COMMENTS

Depth (m)	PID	Samples	Is Analysed?	Graphic Log	USCS	Material Description	Additional Observations
						(N5) CLAY: Silty topsoil, dark brown, damp, very soft, medium plasticity, homogenous.	No odour, no staining.
						(N3) CLAY: Mottled tan and grey, damp, soft, low plasticity.	No odour, no staining.
	1.3	AI_TP99_0.3	Y				
						Termination Depth at:0.3 m	

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APPENDIX D PHOTOGRAPHIC LOG

DRAFT

Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 1

General site photo. North-East facing photo taken in north-west area of site

Photograph 2

TP160 - Profile

Photograph 3

TP166 – Profile

Photograph 4

TP166 – excavated material

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Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 5

TP158 – test pit and site photo facing North

Photograph 6

TP158 – excavated material

Photograph 7

General Site Photograph – West facing taken along the northern site boundary

Photograph 8

General Site Photograph – South-facing taken at northern site boundary, includes former site compound

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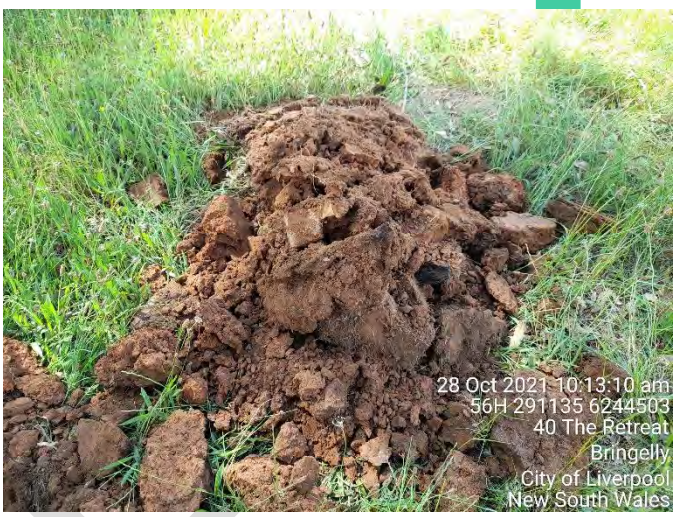
Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 9
TP320 - Profile



Photograph 10
TP320 – excavated material

Photograph 11
General site photograph – east facing, taken along northern site boundary

Photograph 12
TP303 - profile

DRAFT

Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 13
TP303 – excavated material

Photograph 14
General site photograph – west facing taken near TP291 in north of site

Photograph 15
General site photograph – north-east facing taken near eastern site boundary

Photograph 16
TP259 – excavation of test pit by backhoe

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Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 17

TP140 – profile

Photograph 18

TP140 – excavated material

Photograph 19

TP41 – test pit profile

Photograph 20

TP41 – excavated material

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Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 21

General site photo – southern area of site, west facing taken near south-eastern site boundary

Photograph 22

General site photo – Centre of site, north-west facing, taken immediately west of former compound

Photograph 23

TP144 – former accommodation area. Test pit profile

Photograph 24

TP144 – excavated material, including ceramic fragments

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Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 25

TP148 – former accommodation area. test pit profile

Photograph 26

TP148 – excavated material including metal wire and glass fragments

Photograph 27

General site photograph – centre of site facing south

Photograph 28

TP15 – test pit excavation. South of site facing north-west

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Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 29

General site photograph – south of site facing south-west

Photograph 30

TP15 – test pit profile. Material in low-lying areas of site saturated following heavy rains

Photograph 31

TP15 – excavated materials

Photograph 32

MW06 – Advancement of borehole prior to monitoring well installation

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Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 33

MW02 – photo of well following installation

Photograph 34

SW1 – surface water sample location, located along western site boundary

Photograph 35

SW1 / SED01 – close-up of surface water and sediment sampled

Photograph 36

SW05 / SED01 – sample location

Photograph 37

SW05 / SED01 – sample media

Photograph 38

General site photo – site access road running east – west. West of compound facing west.

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Project Photo Log WPCA Bradfield City Centre DSI - 0571466

Photograph 39

General site photo – Site compound

DRAFT

APPENDIX E CALIBRATION RECORDS

DRAFT

Multi Parameter Water Meter

Instrument **YSI Quatro Pro Plus**
Serial No. **20M101183**

airmet
Air-Met Scientific Pty Ltd
1300 137 067

Item	Test	Pass	Comments
Battery	Charge Condition	✓	
	Fuses	✓	
	Capacity	✓	
Switch/keypad	Operation	✓	
Display	Intensity	✓	
	Operation (segments)	✓	
Grill Filter	Condition	✓	
	Seal	✓	
PCB	Condition	✓	
Connectors	Condition	✓	
Sensor	1. pH	✓	
	2. mV	✓	
	3. EC	✓	
	4. D.O	✓	
	5. Temp	✓	
Alarms	Beeper		
	Settings		
Software	Version		
Data logger	Operation		
Download	Operation		
Other tests:			

Certificate of Calibration

This is to certify that the above instrument has been calibrated to the following specifications:

Sensor	Serial no	Standard Solutions	Certified	Solution Bottle Number	Instrument Reading
2. pH 7.00		pH 7.00		377339	pH 7.03
3. pH 4.00		pH 4.00		380327	pH 3.99
4. mV		244.4mV		380834/387761	244.4mV
5. EC		2.76mS/cm		385047	2.77mS/cm
6. D.O		0.00%		11343	-0.1%
7. Temp		18.0°C		MultiTherm	17.8°C

Calibrated by: **Evan Weller**

Calibration date: **20/06/2022**

Next calibration due: **20/07/2022**

DRAFT

17/6/22

Oil / Water Interface Meter

Instrument **Interface Meter (30M)**
Serial No. **484821**

airmet
Air-Met Scientific Pty Ltd
1300 137 067

Item	Test	Pass	Comments
Battery	Compartment	✓	
	Capacity	✓	
Probe	Cleaned/Decon.	✓	
	Operation	✓	
Connectors	Condition	✓	
		✓	
Tape Check	Cleaned	✓	
	Checked for cuts	✓	
Instrument Test	At surface level	✓	

Certificate of Calibration

This is to certify that the above instrument has been cleaned and tested.

Calibrated by: **Yu Jiang**

Calibration date: **17/06/2022**

Next calibration due: **16/08/2022**

DRAFT

PID Calibration Certificate

airmet
Air-Met Scientific Pty Ltd
1300 137 067

Instrument **PhoCheck Tiger**
Serial No. **T-111096**

Item	Test	Pass	Comments
Battery	Charge Condition	✓	
	Fuses	✓	
	Capacity	✓	
	Recharge OK?	✓	
Switch/keypad	Operation	✓	
Display	Intensity	✓	
	Operation (segments)	✓	
Grill Filter	Condition	✓	
	Seal	✓	
Pump	Operation	✓	
	Filter	✓	
	Flow	✓	
	Valves, Diaphragm	✓	
PCB	Condition	✓	
Connectors	Condition	✓	
Sensor	PID	✓	10.6 ev
Alarms	Beeper	✓	Low: 50ppm; High: 100ppm; TWA: ; STEL:
	Settings	✓	
Software	Version	✓	
Data logger	Operation	✓	
Download	Operation	✓	
Other tests:			

Certificate of Calibration

This is to certify that the above instrument has been calibrated to the following specifications:

Sensor	Serial no	Calibration gas and concentration	Certified	Gas bottle No		Instrument Reading
PID Lamp		93ppm Isobutylene	NATA	SY361		91.8ppm

Calibrated by: **Chris Edwards**

Calibration date: **19/10/2021**

Next calibration due: **18/11/2021**

DRAFT

APPENDIX F LABORATORY CERTIFICATES

DRAFT

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP - National phone number 1300 42 43 44

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
Ph 02 9910 6200 / sydney@envirolab.com.au

Combo1=TRH/BTEX/Pb
Combo2=TRH/BTEX/PAH/Pb
Combo3=TRH/BTEX/PAH/Met
Combo4=TRH/BTEX/PAH/Met/Phen
Combo5=TRH/BTEX/PAH/OC/PCB/Met
Combo6=TRH/BTEX/PAH/OC/OP/PCB/Met
Combo7=TRH/BTEX/PAH/OC/PCB/Met/Phen
Combo8=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen
Combo9=TRH/BTEX/PAH/OC/PCB/Met/Phen/CN
Combo10=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen/CN
Combo11=TRH/BTEX/PAH/OC/PCB/12met/Phen/CN
Combo12=TRH/BTEX/PAH/OC/PCB/Met/TCLP-PAH ,6 Met
Combo13=TRH/BTEX/PAH/OC/OP/PCB/Met/TCLP-PAH ,6Met

A Combo with an 'A' indicates Asbestos is also needed.

Client: ERM Services Australia	**Client Project Name / Number / Site etc (ie report title):** WPCA BCC - 0571466
Contact Person:	**PO No.:**
Project Mgr: Nicholas Grbich	**Envirolab Quote No. :**
Sampler: Jack Emblen	**Date results required:** Standard
Address: 11/277 Lane Cove Rd, Macquarie Park 2113	**Or choose:** *Note: Inform lab in advance if urgent turnaround is required - surcharges apply*
Phone: **Mob:**	**Report format:** esdat / equis /
Email: nicholas.grbich@erm.com, Ian.batterley@erm.com, jack.emblen@erm.com	**Lab Comments:**

Sample information					Tests Required														Comments
Envirolab Sample ID	Client Sample ID or information	Depth	Date sampled	Type of sample	Solid suite A*	Solid Suite B**													Provide as much information about the sample as you can
	1B_TP20_0.1		27/20/2021	SOIL	X														*Solid suite A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs /VOCs/heavy metals (8)/OCP/OPP
	1B_TP20_0.4		27/20/2021	SOIL		X													
	1B_TP15_0.1		27/20/2021	SOIL	X														
	1B_TP15_0.4		27/20/2021	SOIL		X													
	1B_TP16_0.1		27/20/2021	SOIL	X														**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs /VOCs/heavy metals (8)/OCP/OPP
	1B_TP16_0.4		27/20/2021	SOIL		X													
	1B_TP17_0.1		27/20/2021	SOIL	X														
	1B_TP17_0.4		27/20/2021	SOIL		X													
	1B_TP18_0.1		27/20/2021	SOIL	X														
	1B_TP18_0.4		27/20/2021	SOIL		X													
	1B_TP12_0.1		27/20/2021	SOIL	X														
	1B_TP12_0.3		27/20/2021	SOIL		X													
	1B_TP11_0.1		27/20/2021	SOIL	X														
	1B_TP11_0.3		27/20/2021	SOIL		X													

Relinquished by (Company): ERM	**Received by (Company):** Envirolab	***Lab use only:***
Print Name JACK EMBLEN	**Print Name:** R Bailey	**Samples Received: Cool or Ambient (circle one)**
Date & Time 26/10/21 17:00	**Date & Time:** 29/10/21 2:55pm	**Temperature Received at:** 10.1°C **(if applicable)**
Signature:	**Signature:**	**Transported by: Hand delivered / courier**

DRAFT

White - Lab copy / Blue - Client copy / Pink - Retain in Book

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP - National phone number 1300 42 43 44

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
Ph 02 9910 6200 / sydney@envirolab.com.au

Combo1=TRH/BTEX/Pb
Combo2=TRH/BTEX/PAH/Pb
Combo3=TRH/BTEX/PAH/Met
Combo4=TRH/BTEX/PAH/Met/Phen
Combo5=TRH/BTEX/PAH/OC/PCB/Met
Combo6=TRH/BTEX/PAH/OC/OP/PCB/Met
Combo7=TRH/BTEX/PAH/OC/PCB/Met/Phen
Combo8=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen
Combo9=TRH/BTEX/PAH/OC/PCB/Met/Phen/CN
Combo10=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen/CN
Combo11=TRH/BTEX/PAH/OC/PCB/12met/Phen/CN
Combo12=TRH/BTEX/PAH/OC/PCB/Met/TCLP-PAH ,6 Met
Combo13=TRH/BTEX/PAH/OC/OP/PCB/Met/TCLP-PAH ,6Met

A Combo with an 'A' Indicates Asbestos is also needed.

Client: ERM Services Australia
Contact Person:
Project Mgr: Nicholas Grbich
Sampler: Jack Emblen
Address: 11/277 Lane Cove Rd, Macquarie Park 2113
Phone: **Mob:**
Email: nicholas.grbich@erm.com, Ian.batterley@erm.com, jack.emblen@erm.com

Client Project Name / Number / Site etc (ie report title): WPCA BCC - 0571466
PO No.:
Envirolab Quote No. :
Date results required: Standard
Or choose:
Note: Inform lab in advance if urgent turnaround is required - surcharges apply
Report format: esdat / equis /
Lab Comments:

Sample information					Tests Required														Comments
Envirolab Sample ID	Client Sample ID or Information	Depth	Date sampled	Type of sample	Solid suite A*	Solid Suite B**													Provide as much information about the sample as you can
	1B_TP10_0.1		27/20/2021	SOIL	X														*Solid suite A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	1B_TP10_0.3		27/20/2021	SOIL		X													
	1B_TP09_0.1		27/20/2021	SOIL	X														
	1B_TP09_0.3		27/20/2021	SOIL		X													
	1B_TP13_0.1		27/20/2021	SOIL	X														**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	1B_TP13_0.3		27/20/2021	SOIL		X													
	1B_TP06_0.1		27/20/2021	SOIL	X														
	1B_TP06_0.3		27/20/2021	SOIL		X													
	1B_TP04_0.1		27/20/2021	SOIL	X														
	1B_TP04_0.3		27/20/2021	SOIL		X													
	1B_TP03_0.1		27/20/2021	SOIL	X														
	1B_TP03_0.3		27/20/2021	SOIL		X													
	1B_TP02_0.1		27/20/2021	SOIL	X														
	1B_TP02_0.3		27/20/2021	SOIL		X													

Relinquished by (Company): ERM
Print Name:
Date & Time:
Signature:

Received by (Company):
Print Name:
Date & Time: 27/10
Signature:

Lab use only:
Samples Received: Cool or Ambient (circle one)
Temperature Received at: **(if applicable)**
Transported by: Hand delivered / courier

DRAFT

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP - National phone number 1300 42 43 44

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
Ph 02 9910 6200 / sydney@envirolab.com.au

Combo1=TRH/BTEX/Pb
Combo2=TRH/BTEX/PAH/Pb
Combo3=TRH/BTEX/PAH/Met
Combo4=TRH/BTEX/PAH/Met/Phen
Combo5=TRH/BTEX/PAH/OC/PCB/Met
Combo6=TRH/BTEX/PAH/OC/OP/PCB/Met
Combo7=TRH/BTEX/PAH/OC/PCB/Met/Phen
Combo8=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen
Combo9=TRH/BTEX/PAH/OC/PCB/Met/Phen/CN
Combo10=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen/CN
Combo11=TRH/BTEX/PAH/OC/PCB/12met/Phen/CN
Combo12=TRH/BTEX/PAH/OC/PCB/Met/TCLP-PAH ,6 Met
Combo13=TRH/BTEX/PAH/OC/OP/PCB/Met/TCLP-PAH ,6Met

A Combo with an 'A' indicates Asbestos is also needed.

Client: ERM Services Australia	**Client Project Name / Number / Site etc (ie report title):** WPCA BCC - 0571466
Contact Person:	**PO No.:**
Project Mgr: Nicholas Grbich	**Envirolab Quote No. :**
Sampler: Jack Emblen	**Date results required:** Standard
Address: 11/277 Lane Cove Rd, Macquarie Park 2113	**Or choose:** *Note: Inform lab in advance if urgent turnaround is required - surcharges apply*
Phone: **Mob:**	**Report format: esdat / equis /**
Email: nicholas.grbich@erm.com, lan.batterley@erm.com, jack.emblen@erm.com	**Lab Comments:**

Sample information					Tests Required														Comments
Envirolab Sample ID	Client Sample ID or information	Depth	Date sampled	Type of sample	Solid suite A*	Solid Suite B**	BTEX												Provide as much information about the sample as you can
	TP167_0.3		27/20/2021	SOIL		X													*Solid suite A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	TP171_0.1		27/20/2021	SOIL	X														
	TP171_0.3		27/20/2021	SOIL		X													
	TP172_0.1		27/20/2021	SOIL	X														
	TP172_0.3		27/20/2021	SOIL		X													**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	TP170_0.1		27/20/2021	SOIL	X														
	TP170_0.3		27/20/2021	SOIL		X													
	TP165_0.1		27/20/2021	SOIL	X														
	TP165_0.3		27/20/2021	SOIL		X													
	TP166_0.1		27/20/2021	SOIL	X														
	TP166_0.3		27/20/2021	SOIL		X													
	TP160_0.3		27/20/2021	SOIL		X													
	1B_20211027_D01					X													
	1B_20211027_D02					X													
	1B_20211027_D03					X													
	1B_20211027_D04					X													
	1B_20211027_T01			WATER		X													PLEASE SEND TO ALS
	1B_20211027_T02					X													PLEASE SEND TO ALS
	1B_20211027_T03					X													PLEASE SEND TO ALS
	1B_20211027_T04					X													PLEASE SEND TO ALS
	TS/TB						X												

Relinquished by (Company): ERM	**Received by (Company):**	***Lab use only:***
Print Name: JACK EMBLEN	**Print Name:**	**Samples Received: Cool or Ambient (circle one)**
Date & Time: 26/10/21 10:00	**Date & Time:** 27/10	**Temperature Received at:** (if applicable)
Signature:	**Signature:**	**Transported by: Hand delivered / courier**

DRAFT

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP - National phone number 1300 42 43 44

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
Ph 02 9910 6200 / sydney@envirolab.com.au

Combo1=TRH/BTEX/Pb
Combo2=TRH/BTEX/PAH/Pb
Combo3=TRH/BTEX/PAH/Met
Combo4=TRH/BTEX/PAH/Met/Phen
Combo5=TRH/BTEX/PAH/OC/PCB/Met
Combo6=TRH/BTEX/PAH/OC/OP/PCB/Met
Combo7=TRH/BTEX/PAH/OC/PCB/Met/Phen
Combo8=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen
Combo9=TRH/BTEX/PAH/OC/PCB/Met/Phen/CN
Combo10=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen/CN
Combo11=TRH/BTEX/PAH/OC/PCB/12met/Phen/CN
Combo12=TRH/BTEX/PAH/OC/PCB/Met/TCLP-PAH ,6 Met
Combo13=TRH/BTEX/PAH/OC/OP/PCB/Met/TCLP-PAH ,6Met

A Combo with an `A' indicates Asbestos is also needed.

Client: ERM Services Australia
Contact Person:
Project Mgr: Nicholas Grbich
Sampler: Jack Emblen
Address: 11/277 Lane Cove Rd, Macquarie Park 2113
Phone: **Mob:**
Email: nicholas.grbich@erm.com, lan.batterley@erm.com, jack.emblen@erm.com

Client Project Name / Number / Site etc (le report title): WPCA BCC - 0571466
PO No.:
Envirolab Quote No. :
Date results required: Standard
Or choose:
Note: Inform lab in advance if urgent turnaround is required - surcharges apply
Report format: esdat / equis /
Lab Comments:

Sample information					Tests Required													Comments
Envirolab Sample ID	Client Sample ID or information	Depth	Date sampled	Type of sample	Solid suite A*	Solid Suite B**												Provide as much information about the sample as you can
	1B_TP05_0.1		27/20/2021	SOIL	X													*Solid suite A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	1B_TP05_0.3		27/20/2021	SOIL		X												**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	TP159_0.1		27/20/2021	SOIL	X													
	TP164_0.1		27/20/2021	SOIL	X													
	TP164_0.4		27/20/2021	SOIL		X												
	TP169_0.1		27/20/2021	SOIL	X													
	TP169_0.4		27/20/2021	SOIL		X												
	TP168_0.1		27/20/2021	SOIL	X													
	TP168_0.3		27/20/2021	SOIL		X												
	TP163_0.1		27/20/2021	SOIL	X													
	TP163_0.3		27/20/2021	SOIL		X												
	TP158_0.1		27/20/2021	SOIL	X													
	TP158_0.3		27/20/2021	SOIL		X												
	TP167_0.1		27/20/2021	SOIL	X													

Relinquished by (Company): ERM
Print Name:
Date & Time:
Signature:

Received by (Company):
Print Name:
Date & Time: 27/10 RP
Signature:

Lab use only:
Samples Received: Cool or Ambient (circle one)
Temperature Received at: **(if applicable)**
Transported by: Hand delivered / courier

DRAFT

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP - National phone number 1300 42 43 44

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
Ph 02 9910 6200 / sydney@envirolab.com.au

Combo1=TRH/BTEX/Pb
Combo2=TRH/BTEX/PAH/Pb
Combo3=TRH/BTEX/PAH/Met
Combo4=TRH/BTEX/PAH/Met/Phen
Combo5=TRH/BTEX/PAH/OC/PCB/Met
Combo6=TRH/BTEX/PAH/OC/OP/PCB/Met
Combo7=TRH/BTEX/PAH/OC/PCB/Met/Phen
Combo8=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen
Combo9=TRH/BTEX/PAH/OC/PCB/Met/Phen/CN
Combo10=TRH/BTEX/PAH/OC/OP/PCB/Met/Phen/CN
Combo11=TRH/BTEX/PAH/OC/PCB/12met/Phen/CN
Combo12=TRH/BTEX/PAH/OC/PCB/Met/TCLP-PAH ,6 Met
Combo13=TRH/BTEX/PAH/OC/OP/PCB/Met/TCLP-PAH ,6Met

A Combo with an `A' indicates Asbestos is also needed.

Client: ERM Services Australia
Contact Person:
Project Mgr: Nicholas Grbich
Sampler: Jack Emblen
Address: 11/277 Lane Cove Rd, Macquarie Park 2113
Phone: **Mob:**
Email: nicholas.grbich@erm.com, Ian.batterley@erm.com, jack.emblen@erm.com

Client Project Name / Number / Site etc (ie report title): WPCA BCC - 0571466
PO No.:
Envirolab Quote No. :
Date results required: Standard
Or choose:
Note: Inform lab in advance if urgent turnaround is required - surcharges apply
Report format: esdat / equis /
Lab Comments:

Sample information | **Tests Required** | **Comments**

Envirolab Sample ID	Client Sample ID or information	Depth	Date sampled	Type of sample	Solid suite A*	Solid Suite B**	BTEX												Provide as much information about the sample as you can
	1B_TP21_0.1		26/20/2021	SOIL	X														*Solid suite A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	1B_TP21_0.3		26/20/2021	SOIL		X													
	1B_TP61_0.1		26/20/2021	SOIL	X														
	1B_20211026_D01		26/20/2021	SOIL		X													
	1B_20211026_D02		26/20/2021	SOIL		X													**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
	1B_20211026_T01		26/20/2021	SOIL		X													
	1B_20211026_T02		26/20/2021	SOIL		X													
	TS/TB		26/20/2021	WATER			X												
	1B_20211026_R01		26/20/2021	WATER		X													
																			PLEASE SEND TO ALS
																			PLEASE SEND TO ALS

Relinquished by (Company): ERM
Print Name:
Date & Time:
Signature:

Received by (Company):
Print Name:
Date & Time: 27/10 RP
Signature:

Lab use only:
Samples Received: Cool or Ambient (circle one)
Temperature Received at: **(if applicable)**
Transported by: Hand delivered / courier

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0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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Penrose, Auckland 1061
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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	WPCA BCC
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Oct 27, 2021 2:55 PM
Eurofins reference	836571

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

1B_20211027_T01 - T03 forwarded to ALS; T02 received only PFAS jar. TP169_0.4 received as TP169_0.3. Extra samples TP159_0.3 and 1B_TP27_0.4 received, logging on hold. 1B_TP18_0.4 PFAS container not received, canceled PFAS analysis. TP159_0.1 not received, cancelling analysis. 1B_20211027_D03 not received analysis cancelled. 1B_20211027_D02, 1B_20211027_D04 glass jar not received, please advise on tests from PFAS jar. Received 1B_20211027_T04 as PFAS jar only on 5/11 please confirm if it is still to be forwarded to ALS.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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email: EnviroSales@eurofins.com

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 836571
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_1B_TP27_0.4	Oct 27, 2021		Soil	S21-No01138			X						
2	AI_TP159_0.3	Oct 27, 2021		Soil	S21-No01139			X						
3	AI_1B_20211027_T04	Oct 27, 2021		Soil	S21-No24643			X						
4	AI_1B_TP20_0.1	Oct 27, 2021		Soil	S21-Oc65708	X				X	X	X	X	
5	AI_1B_TP20_0.4	Oct 27, 2021		Soil	S21-Oc65709					X	X	X	X	
6	AI_1B_TP15_0.1	Oct 27, 2021		Soil	S21-Oc65710	X				X	X	X	X	

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Company Name: ERM Sydney
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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
7	AI_1B_TP15_0.4	Oct 27, 2021		Soil	S21-Oc65711					X	X	X	X	
8	AI_1B_TP16_0.1	Oct 27, 2021		Soil	S21-Oc65712	X				X	X	X	X	
9	AI_1B_TP16_0.4	Oct 27, 2021		Soil	S21-Oc65713					X	X	X	X	
10	AI_1B_TP17_0.1	Oct 27, 2021		Soil	S21-Oc65714	X				X	X	X	X	
11	AI_1B_TP17_0.4	Oct 27, 2021		Soil	S21-Oc65715					X	X	X	X	
12	AI_1B_TP18_0.1	Oct 27, 2021		Soil	S21-Oc65716	X				X	X	X	X	
13	AI_1B_TP18_	Oct 27, 2021		Soil	S21-Oc65717					X	X	X		

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Company Name: ERM Sydney
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Project Name: WPCA BCC
Project ID: 0571466

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Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
13	AI_1B_TP18_0.4	Oct 27, 2021		Soil	S21-Oc65717									
14	AI_1B_TP12_0.1	Oct 27, 2021		Soil	S21-Oc65718	X				X	X	X	X	
15	AI_1B_TP12_0.3	Oct 27, 2021		Soil	S21-Oc65719					X	X	X	X	
16	AI_1B_TP11_0.1	Oct 27, 2021		Soil	S21-Oc65720	X				X	X	X	X	
17	AI_1B_TP11_0.3	Oct 27, 2021		Soil	S21-Oc65721					X	X	X	X	
18	AI_1B_TP10_0.1	Oct 27, 2021		Soil	S21-Oc65722	X				X	X	X	X	
19	AI_1B_TP10_	Oct 27, 2021		Soil	S21-Oc65723					X	X	X	X	

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Company Name: ERM Sydney
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Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.3													
20	AI_1B_TP09_0.1	Oct 27, 2021		Soil	S21-Oc65724	X				X	X	X	X	
21	AI_1B_TP09_0.3	Oct 27, 2021		Soil	S21-Oc65725					X	X	X	X	
22	AI_1B_TP13_0.1	Oct 27, 2021		Soil	S21-Oc65726	X				X	X	X	X	
23	AI_1B_TP13_0.3	Oct 27, 2021		Soil	S21-Oc65727					X	X	X	X	
24	AI_1B_TP06_0.1	Oct 27, 2021		Soil	S21-Oc65728	X				X	X	X	X	
25	AI_1B_TP06_0.3	Oct 27, 2021		Soil	S21-Oc65729					X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
26	AI_1B_TP04_0.1	Oct 27, 2021		Soil	S21-Oc65730	X				X	X	X	X	
27	AI_1B_TP04_0.3	Oct 27, 2021		Soil	S21-Oc65731					X	X	X	X	
28	AI_1B_TP03_0.1	Oct 27, 2021		Soil	S21-Oc65732	X				X	X	X	X	
29	AI_1B_TP03_0.3	Oct 27, 2021		Soil	S21-Oc65733					X	X	X	X	
30	AI_1B_TP02_0.1	Oct 27, 2021		Soil	S21-Oc65734	X				X	X	X	X	
31	AI_1B_TP02_0.3	Oct 27, 2021		Soil	S21-Oc65735					X	X	X	X	
32	AI_1B_TP05_	Oct 27, 2021		Soil	S21-Oc65736	X				X	X	X	X	

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Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.1													
33	AI_1B_TP05_0.3	Oct 27, 2021		Soil	S21-Oc65737					X	X	X	X	
34	AI_TP159_0.1	Oct 27, 2021		Soil	S21-Oc65738		X							
35	AI_TP164_0.1	Oct 27, 2021		Soil	S21-Oc65739	X				X	X	X	X	
36	AI_TP164_0.4	Oct 27, 2021		Soil	S21-Oc65740					X	X	X	X	
37	AI_TP169_0.1	Oct 27, 2021		Soil	S21-Oc65741	X				X	X	X	X	
38	AI_TP169_0.3	Oct 27, 2021		Soil	S21-Oc65742					X	X	X	X	
39	AI_TP168_0.1	Oct 27, 2021		Soil	S21-Oc65743	X				X	X	X	X	
40	AI_TP168_0.3	Oct 27, 2021		Soil	S21-Oc65744					X	X	X	X	
41	AI_TP163_0.1	Oct 27, 2021		Soil	S21-Oc65745	X				X	X	X	X	

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NSW 2000

Project Name: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 836571
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
42	AI_TP163_0.3	Oct 27, 2021		Soil	S21-Oc65746					X	X	X	X	
43	AI_TP158_0.1	Oct 27, 2021		Soil	S21-Oc65747	X				X	X	X	X	
44	AI_TP158_0.3	Oct 27, 2021		Soil	S21-Oc65748					X	X	X	X	
45	AI_TP167_0.1	Oct 27, 2021		Soil	S21-Oc65749	X				X	X	X	X	
46	AI_TP167_0.3	Oct 27, 2021		Soil	S21-Oc65750					X	X	X	X	
47	AI_TP171_0.1	Oct 27, 2021		Soil	S21-Oc65751	X				X	X	X	X	
48	AI_TP171_0.3	Oct 27, 2021		Soil	S21-Oc65752					X	X	X	X	
49	AI_TP172_0.1	Oct 27, 2021		Soil	S21-Oc65753	X				X	X	X	X	
50	AI_TP172_0.3	Oct 27, 2021		Soil	S21-Oc65754					X	X	X	X	
51	AI_TP170_0.1	Oct 27, 2021		Soil	S21-Oc65755	X				X	X	X	X	
52	AI_TP170_0.3	Oct 27, 2021		Soil	S21-Oc65756					X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
53	AI_TP165_0.1	Oct 27, 2021		Soil	S21-Oc65757	X				X	X	X	X	
54	AI_TP165_0.3	Oct 27, 2021		Soil	S21-Oc65758					X	X	X	X	
55	AI_TP166_0.1	Oct 27, 2021		Soil	S21-Oc65759	X				X	X	X	X	
56	AI_TP166_0.3	Oct 27, 2021		Soil	S21-Oc65760					X	X	X	X	
57	AI_TP160_0.3	Oct 27, 2021		Soil	S21-Oc65761					X	X	X	X	
58	AI_1B_20211027_D01	Oct 27, 2021		Soil	S21-Oc65762					X	X	X	X	
59	AI_1B_20211027_D02	Oct 27, 2021		Soil	S21-Oc65763					X	X	X	X	
60	AI_1B_20211027_D03	Oct 27, 2021		Soil	S21-Oc65764		X							
61	AI_1B_202110	Oct 27, 2021		Soil	S21-Oc65765		X							

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Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
61	AI_1B_20211027_D04	Oct 27, 2021		Soil	S21-Oc65765									
62	AI_TRIP SPIKE	Oct 27, 2021		Water	S21-Oc65766									X
63	AI_TRIP BLANK	Oct 27, 2021		Water	S21-Oc65767				X					
Test Counts						26	3	3	1	55	55	55	54	1

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Certificate of Analysis

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention:	Nicholas Grbich
Report	836571-AID-V2
Project Name	WPCA BCC
Project ID	0571466
Received Date	Oct 27, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name WPCA BCC
Project ID 0571466
Date Sampled Oct 27, 2021
Report 836571-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_1B_TP20_0.1	21-Oc65708	Oct 27, 2021	Approximate Sample 539g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP15_0.1	21-Oc65710	Oct 27, 2021	Approximate Sample 633g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP16_0.1	21-Oc65712	Oct 27, 2021	Approximate Sample 608g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP17_0.1	21-Oc65714	Oct 27, 2021	Approximate Sample 538g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP18_0.1	21-Oc65716	Oct 27, 2021	Approximate Sample 546g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP12_0.1	21-Oc65718	Oct 27, 2021	Approximate Sample 753g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP11_0.1	21-Oc65720	Oct 27, 2021	Approximate Sample 670g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP10_0.1	21-Oc65722	Oct 27, 2021	Approximate Sample 688g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_1B_TP09_0.1	21-Oc65724	Oct 27, 2021	Approximate Sample 660g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP13_0.1	21-Oc65726	Oct 27, 2021	Approximate Sample 612g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP06_0.1	21-Oc65728	Oct 27, 2021	Approximate Sample 644g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP04_0.1	21-Oc65730	Oct 27, 2021	Approximate Sample 669g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP03_0.1	21-Oc65732	Oct 27, 2021	Approximate Sample 689g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP02_0.1	21-Oc65734	Oct 27, 2021	Approximate Sample 532g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_1B_TP05_0.1	21-Oc65736	Oct 27, 2021	Approximate Sample 515g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP164_0.1	21-Oc65739	Oct 27, 2021	Approximate Sample 534g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP169_0.1	21-Oc65741	Oct 27, 2021	Approximate Sample 569g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP168_0.1	21-Oc65743	Oct 27, 2021	Approximate Sample 673g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP163_0.1	21-Oc65745	Oct 27, 2021	Approximate Sample 580g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP158_0.1	21-Oc65747	Oct 27, 2021	Approximate Sample 522g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP167_0.1	21-Oc65749	Oct 27, 2021	Approximate Sample 541g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP171_0.1	21-Oc65751	Oct 27, 2021	Approximate Sample 615g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP172_0.1	21-Oc65753	Oct 27, 2021	Approximate Sample 582g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP170_0.1	21-Oc65755	Oct 27, 2021	Approximate Sample 539g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP165_0.1	21-Oc65757	Oct 27, 2021	Approximate Sample 517g Sample consisted of: Brown fine-grained clayey soil and organic debris	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP166_0.1	21-Oc65759	Oct 27, 2021	Approximate Sample 556g Sample consisted of: Brown fine-grained clayey soil and organic debris	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Oct 31, 2021	Indefinite

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_1B_TP27_0.4	Oct 27, 2021		Soil	S21-No01138			X						
2	AI_TP159_0.3	Oct 27, 2021		Soil	S21-No01139			X						
3	AI_1B_20211027_T04	Oct 27, 2021		Soil	S21-No24643			X						
4	AI_1B_TP20_0.1	Oct 27, 2021		Soil	S21-Oc65708	X				X	X	X	X	
5	AI_1B_TP20_0.4	Oct 27, 2021		Soil	S21-Oc65709					X	X	X	X	
6	AI_1B_TP15_0.1	Oct 27, 2021		Soil	S21-Oc65710	X				X	X	X	X	

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Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
7	AI_1B_TP15_0.4	Oct 27, 2021		Soil	S21-Oc65711					X	X	X	X	
8	AI_1B_TP16_0.1	Oct 27, 2021		Soil	S21-Oc65712	X				X	X	X	X	
9	AI_1B_TP16_0.4	Oct 27, 2021		Soil	S21-Oc65713					X	X	X	X	
10	AI_1B_TP17_0.1	Oct 27, 2021		Soil	S21-Oc65714	X				X	X	X	X	
11	AI_1B_TP17_0.4	Oct 27, 2021		Soil	S21-Oc65715					X	X	X	X	
12	AI_1B_TP18_0.1	Oct 27, 2021		Soil	S21-Oc65716	X				X	X	X	X	
13	AI_1B_TP18_	Oct 27, 2021		Soil	S21-Oc65717					X	X	X		

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Report #: 836571
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
13	AI_1B_TP18_0.4	Oct 27, 2021		Soil	S21-Oc65717									
14	AI_1B_TP12_0.1	Oct 27, 2021		Soil	S21-Oc65718	X				X	X	X	X	
15	AI_1B_TP12_0.3	Oct 27, 2021		Soil	S21-Oc65719					X	X	X	X	
16	AI_1B_TP11_0.1	Oct 27, 2021		Soil	S21-Oc65720	X				X	X	X	X	
17	AI_1B_TP11_0.3	Oct 27, 2021		Soil	S21-Oc65721					X	X	X	X	
18	AI_1B_TP10_0.1	Oct 27, 2021		Soil	S21-Oc65722	X				X	X	X	X	
19	AI_1B_TP10_	Oct 27, 2021		Soil	S21-Oc65723					X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.3													
20	AI_1B_TP09_0.1	Oct 27, 2021		Soil	S21-Oc65724	X				X	X	X	X	
21	AI_1B_TP09_0.3	Oct 27, 2021		Soil	S21-Oc65725					X	X	X	X	
22	AI_1B_TP13_0.1	Oct 27, 2021		Soil	S21-Oc65726	X				X	X	X	X	
23	AI_1B_TP13_0.3	Oct 27, 2021		Soil	S21-Oc65727					X	X	X	X	
24	AI_1B_TP06_0.1	Oct 27, 2021		Soil	S21-Oc65728	X				X	X	X	X	
25	AI_1B_TP06_0.3	Oct 27, 2021		Soil	S21-Oc65729					X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
26	AI_1B_TP04_0.1	Oct 27, 2021		Soil	S21-Oc65730	X				X	X	X	X	
27	AI_1B_TP04_0.3	Oct 27, 2021		Soil	S21-Oc65731					X	X	X	X	
28	AI_1B_TP03_0.1	Oct 27, 2021		Soil	S21-Oc65732	X				X	X	X	X	
29	AI_1B_TP03_0.3	Oct 27, 2021		Soil	S21-Oc65733					X	X	X	X	
30	AI_1B_TP02_0.1	Oct 27, 2021		Soil	S21-Oc65734	X				X	X	X	X	
31	AI_1B_TP02_0.3	Oct 27, 2021		Soil	S21-Oc65735					X	X	X	X	
32	AI_1B_TP05_	Oct 27, 2021		Soil	S21-Oc65736	X				X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.1													
33	AI_1B_TP05_0.3	Oct 27, 2021		Soil	S21-Oc65737					X	X	X	X	
34	AI_TP159_0.1	Oct 27, 2021		Soil	S21-Oc65738		X							
35	AI_TP164_0.1	Oct 27, 2021		Soil	S21-Oc65739	X				X	X	X	X	
36	AI_TP164_0.4	Oct 27, 2021		Soil	S21-Oc65740					X	X	X	X	
37	AI_TP169_0.1	Oct 27, 2021		Soil	S21-Oc65741	X				X	X	X	X	
38	AI_TP169_0.3	Oct 27, 2021		Soil	S21-Oc65742					X	X	X	X	
39	AI_TP168_0.1	Oct 27, 2021		Soil	S21-Oc65743	X				X	X	X	X	
40	AI_TP168_0.3	Oct 27, 2021		Soil	S21-Oc65744					X	X	X	X	
41	AI_TP163_0.1	Oct 27, 2021		Soil	S21-Oc65745	X				X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
42	AI_TP163_0.3	Oct 27, 2021		Soil	S21-Oc65746					X	X	X	X	
43	AI_TP158_0.1	Oct 27, 2021		Soil	S21-Oc65747	X				X	X	X	X	
44	AI_TP158_0.3	Oct 27, 2021		Soil	S21-Oc65748					X	X	X	X	
45	AI_TP167_0.1	Oct 27, 2021		Soil	S21-Oc65749	X				X	X	X	X	
46	AI_TP167_0.3	Oct 27, 2021		Soil	S21-Oc65750					X	X	X	X	
47	AI_TP171_0.1	Oct 27, 2021		Soil	S21-Oc65751	X				X	X	X	X	
48	AI_TP171_0.3	Oct 27, 2021		Soil	S21-Oc65752					X	X	X	X	
49	AI_TP172_0.1	Oct 27, 2021		Soil	S21-Oc65753	X				X	X	X	X	
50	AI_TP172_0.3	Oct 27, 2021		Soil	S21-Oc65754					X	X	X	X	
51	AI_TP170_0.1	Oct 27, 2021		Soil	S21-Oc65755	X				X	X	X	X	
52	AI_TP170_0.3	Oct 27, 2021		Soil	S21-Oc65756					X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
53	AI_TP165_0.1	Oct 27, 2021		Soil	S21-Oc65757	X				X	X	X	X	
54	AI_TP165_0.3	Oct 27, 2021		Soil	S21-Oc65758					X	X	X	X	
55	AI_TP166_0.1	Oct 27, 2021		Soil	S21-Oc65759	X				X	X	X	X	
56	AI_TP166_0.3	Oct 27, 2021		Soil	S21-Oc65760					X	X	X	X	
57	AI_TP160_0.3	Oct 27, 2021		Soil	S21-Oc65761					X	X	X	X	
58	AI_1B_20211027_D01	Oct 27, 2021		Soil	S21-Oc65762					X	X	X	X	
59	AI_1B_20211027_D02	Oct 27, 2021		Soil	S21-Oc65763					X	X	X	X	
60	AI_1B_20211027_D03	Oct 27, 2021		Soil	S21-Oc65764		X							
61	AI_1B_202110	Oct 27, 2021		Soil	S21-Oc65765		X							

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
61	AI_1B_20211027_D04	Oct 27, 2021		Soil	S21-Oc65765									
62	AI_TRIP SPIKE	Oct 27, 2021		Water	S21-Oc65766									X
63	AI_TRIP BLANK	Oct 27, 2021		Water	S21-Oc65767				X					
Test Counts						26	3	3	1	55	55	55	54	1

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Bennel Jiri	Senior Analyst-Asbestos (NSW)
Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
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Attention: **Nicholas Grbich**

Report **836571-S-V2**
Project name WPCA BCC
Project ID 0571466
Received Date Oct 27, 2021

Client Sample ID			**AI_1B_TP20_0.1**	**AI_1B_TP20_0.4**	**AI_1B_TP15_0.1**	**AI_1B_TP15_0.4**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-Oc65708**	**S21-Oc65709**	**S21-Oc65710**	**S21-Oc65711**
Date Sampled			**Oct 27, 2021**	**Oct 27, 2021**	**Oct 27, 2021**	**Oct 27, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	53	62	84	82
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP20_0.1	AI_1B_TP20_0.4	AI_1B_TP15_0.1	AI_1B_TP15_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65708	S21-Oc65709	S21-Oc65710	S21-Oc65711
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	53	62	84	82
Toluene-d8 (surr.)	1	%	55	119	112	109

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Client Sample ID			AI_1B_TP20_0.1	AI_1B_TP20_0.4	AI_1B_TP15_0.1	AI_1B_TP15_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65708	S21-Oc65709	S21-Oc65710	S21-Oc65711
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	112	101	113	87
p-Terphenyl-d14 (surr.)	1	%	114	111	121	106
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	93	89	96	77
Tetrachloro-m-xylene (surr.)	1	%	97	96	102	90

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Client Sample ID			AI_1B_TP20_0.1	AI_1B_TP20_0.4	AI_1B_TP15_0.1	AI_1B_TP15_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65708	S21-Oc65709	S21-Oc65710	S21-Oc65711
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	104	101	106	92
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP20_0.1	AI_1B_TP20_0.4	AI_1B_TP15_0.1	AI_1B_TP15_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65708	S21-Oc65709	S21-Oc65710	S21-Oc65711
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	112	101	113	87
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	52	INT	53	55
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP20_0.1	AI_1B_TP20_0.4	AI_1B_TP15_0.1	AI_1B_TP15_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65708	S21-Oc65709	S21-Oc65710	S21-Oc65711
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	112	99	110	79
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	112	112	115	105
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP20_0.1	AI_1B_TP20_0.4	AI_1B_TP15_0.1	AI_1B_TP15_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65708	S21-Oc65709	S21-Oc65710	S21-Oc65711
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	14	13	11	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	21	26	25	27
Copper	5	mg/kg	24	30	19	23
Lead	5	mg/kg	30	22	25	27
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	20	20	12	13
Zinc	5	mg/kg	51	69	53	50
% Moisture	1	%	20	19	22	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	90	92	93	90
13C5-PFPeA (surr.)	1	%	111	118	112	115
13C5-PFHxA (surr.)	1	%	101	102	102	95
13C4-PFHpA (surr.)	1	%	96	98	100	91
13C8-PFOA (surr.)	1	%	99	98	103	94
13C5-PFNA (surr.)	1	%	94	97	101	89
13C6-PFDA (surr.)	1	%	95	90	100	87
13C2-PFUnDA (surr.)	1	%	93	99	107	97
13C2-PFDoDA (surr.)	1	%	106	102	112	99
13C2-PFTeDA (surr.)	1	%	97	92	109	101
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	98	91	98	97
D3-N-MeFOSA (surr.)	1	%	96	94	93	93
D5-N-EtFOSA (surr.)	1	%	100	98	98	97
D7-N-MeFOSE (surr.)	1	%	92	93	88	92
D9-N-EtFOSE (surr.)	1	%	92	96	89	92

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Client Sample ID			AI_1B_TP20_0.1	AI_1B_TP20_0.4	AI_1B_TP15_0.1	AI_1B_TP15_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65708	S21-Oc65709	S21-Oc65710	S21-Oc65711
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	99	88	134	74
D3-N-MeFOSAA (surr.)	1	%	91	84	117	70
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	102	104	108	99
18O2-PFHxS (surr.)	1	%	102	97	101	99
13C8-PFOS (surr.)	1	%	103	95	109	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	94	100	112	92
13C2-6:2 FTSA (surr.)	1	%	92	85	116	93
13C2-8:2 FTSA (surr.)	1	%	125	105	149	111
13C2-10:2 FTSA (surr.)	1	%	95	91	147	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	61	117	62	73
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	61	117	62	73
Toluene-d8 (surr.)	1	%	73	137	66	106
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	87	111	91
p-Terphenyl-d14 (surr.)	1	%	112	107	103	98

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	92	77	120	74
Tetrachloro-m-xylene (surr.)	1	%	96	91	108	89
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	104	90	125	95
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	87	111	91
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	84	50
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 2.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	105	78	129	98
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	98	95	99	101
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	17	13	8.6	8.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	28	26	15	22
Copper	5	mg/kg	24	38	17	28
Lead	5	mg/kg	39	19	20	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	17	21	9.1	6.4
Zinc	5	mg/kg	65	72	42	30
% Moisture	1	%	22	25	25	15
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	91	94	94	93

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	111	115	117	116
13C5-PFHxA (surr.)	1	%	98	100	104	100
13C4-PFHpA (surr.)	1	%	97	99	100	97
13C8-PFOA (surr.)	1	%	99	99	99	98
13C5-PFNA (surr.)	1	%	97	95	101	93
13C6-PFDA (surr.)	1	%	95	92	102	91
13C2-PFUnDA (surr.)	1	%	102	96	110	95
13C2-PFDoDA (surr.)	1	%	101	100	112	99
13C2-PFTeDA (surr.)	1	%	99	94	111	93
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	88	93	92	101
D3-N-MeFOSA (surr.)	1	%	88	95	92	94
D5-N-EtFOSA (surr.)	1	%	95	98	97	100
D7-N-MeFOSE (surr.)	1	%	86	91	92	89
D9-N-EtFOSE (surr.)	1	%	88	92	90	97
D5-N-EtFOSAA (surr.)	1	%	122	65	124	74
D3-N-MeFOSAA (surr.)	1	%	114	63	105	69
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	108	104	101
18O2-PFHxS (surr.)	1	%	99	98	99	102
13C8-PFOS (surr.)	1	%	101	104	108	96
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	102	97	107	96
13C2-6:2 FTSA (surr.)	1	%	100	85	104	91

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Client Sample ID			AI_1B_TP16_0.1	AI_1B_TP16_0.4	AI_1B_TP17_0.1	AI_1B_TP17_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65712	S21-Oc65713	S21-Oc65714	S21-Oc65715
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	152	103	136	105
13C2-10:2 FTSA (surr.)	1	%	123	91	115	96
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	102	62	88	83
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	102	62	88	83
Toluene-d8 (surr.)	1	%	119	69	96	111

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Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	112	96	114	87
p-Terphenyl-d14 (surr.)	1	%	116	105	114	83
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	84	84	95	76
Tetrachloro-m-xylene (surr.)	1	%	97	86	101	76

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Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	105	99	116	84
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	112	96	114	87
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 1	< 1
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	108	102	95	104
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 2.5	< 2.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	111	97	133	99
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	105	97	129	95
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	9.7	12	8.1	7.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	23	18	19
Copper	5	mg/kg	16	22	15	25
Lead	5	mg/kg	19	19	18	15
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	15	12	9.5	8.6
Zinc	5	mg/kg	36	32	30	36
% Moisture	1	%	19	16	3.2	2.1
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	-	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	-	< 5	< 5
13C4-PFBA (surr.)	1	%	93	-	90	91
13C5-PFPeA (surr.)	1	%	116	-	119	110
13C5-PFHxA (surr.)	1	%	103	-	101	98
13C4-PFHpA (surr.)	1	%	102	-	96	94
13C8-PFOA (surr.)	1	%	102	-	98	92
13C5-PFNA (surr.)	1	%	100	-	92	87
13C6-PFDA (surr.)	1	%	101	-	97	89
13C2-PFUnDA (surr.)	1	%	111	-	102	96
13C2-PFDoDA (surr.)	1	%	111	-	106	99
13C2-PFTeDA (surr.)	1	%	105	-	104	94
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	-	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	-	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	-	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	-	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	-	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	-	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	-	< 10	< 10
13C8-FOSA (surr.)	1	%	94	-	96	97
D3-N-MeFOSA (surr.)	1	%	94	-	93	95
D5-N-EtFOSA (surr.)	1	%	98	-	102	99
D7-N-MeFOSE (surr.)	1	%	89	-	91	86
D9-N-EtFOSE (surr.)	1	%	89	-	91	91

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Client Sample ID			AI_1B_TP18_0.1	AI_1B_TP18_0.4	AI_1B_TP12_0.1	AI_1B_TP12_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65716	S21-Oc65717	S21-Oc65718	S21-Oc65719
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	123	-	108	65
D3-N-MeFOSAA (surr.)	1	%	108	-	105	59
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	-	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	-	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	-	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	-	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	-	< 5	< 5
13C3-PFBS (surr.)	1	%	107	-	102	98
18O2-PFHxS (surr.)	1	%	101	-	100	94
13C8-PFOS (surr.)	1	%	110	-	104	101
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	-	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	-	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	-	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	-	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	111	-	100	95
13C2-6:2 FTSA (surr.)	1	%	110	-	102	96
13C2-8:2 FTSA (surr.)	1	%	138	-	128	120
13C2-10:2 FTSA (surr.)	1	%	129	-	107	98
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	-	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	-	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	-	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	-	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	-	< 50	< 50

Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	36	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	83	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	119	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	61	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	61	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	98	60	53	56
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	98	60	53	56
Toluene-d8 (surr.)	1	%	65	51	55	51
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	135	123	126	132
p-Terphenyl-d14 (surr.)	1	%	136	121	124	131

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	114	105	108	108
Tetrachloro-m-xylene (surr.)	1	%	123	111	114	116
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	138	121	128	132
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	135	123	126	132
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 1	< 1	< 1	< 1
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	105	101	100	92
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	137	141	149
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	145	134	135	145
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.3	8.3	11	16
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	17	26	40
Copper	5	mg/kg	15	24	15	20
Lead	5	mg/kg	18	13	22	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	6.6	9.6	11
Zinc	5	mg/kg	36	33	36	43
% Moisture	1	%	4.0	5.8	3.7	2.8
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	89	91	95	92

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	111	112	115	113
13C5-PFHxA (surr.)	1	%	97	93	102	101
13C4-PFHpA (surr.)	1	%	92	91	96	93
13C8-PFOA (surr.)	1	%	97	90	99	95
13C5-PFNA (surr.)	1	%	92	91	98	90
13C6-PFDA (surr.)	1	%	92	88	98	88
13C2-PFUnDA (surr.)	1	%	99	93	98	97
13C2-PFDoDA (surr.)	1	%	105	93	113	93
13C2-PFTeDA (surr.)	1	%	91	93	98	86
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	90	89	96	92
D3-N-MeFOSA (surr.)	1	%	84	82	93	87
D5-N-EtFOSA (surr.)	1	%	92	93	98	95
D7-N-MeFOSE (surr.)	1	%	78	83	90	88
D9-N-EtFOSE (surr.)	1	%	86	85	89	89
D5-N-EtFOSAA (surr.)	1	%	114	71	131	67
D3-N-MeFOSAA (surr.)	1	%	102	64	99	59
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	98	106	100
18O2-PFHxS (surr.)	1	%	95	93	103	94
13C8-PFOS (surr.)	1	%	98	91	100	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	108	92	109	97
13C2-6:2 FTSA (surr.)	1	%	94	85	101	90

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Client Sample ID			AI_1B_TP11_0.1	AI_1B_TP11_0.3	AI_1B_TP10_0.1	AI_1B_TP10_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65720	S21-Oc65721	S21-Oc65722	S21-Oc65723
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	142	118	134	114
13C2-10:2 FTSA (surr.)	1	%	110	88	110	87
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	65	108	71	INT
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	65	108	71	INT
Toluene-d8 (surr.)	1	%	60	107	66	INT

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Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	128	127	122	129
p-Terphenyl-d14 (surr.)	1	%	123	129	121	126
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	101	105	102	103
Tetrachloro-m-xylene (surr.)	1	%	112	118	110	112

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Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	124	129	125	128
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	128	127	122	129
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 1	< 1	< 1	< 1
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	103	68	87	100
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	145	144	141	145
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	135	134	130	135
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	7.9	8.7	11	9.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	23	23	19
Copper	5	mg/kg	15	18	13	19
Lead	5	mg/kg	21	16	19	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	7.9	9.5	6.9
Zinc	5	mg/kg	45	37	31	29
% Moisture	1	%	4.0	2.9	4.7	4.8
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	92	96	89	93
13C5-PFPeA (surr.)	1	%	108	116	112	112
13C5-PFHxA (surr.)	1	%	99	103	96	101
13C4-PFHpA (surr.)	1	%	94	92	93	97
13C8-PFOA (surr.)	1	%	98	99	97	97
13C5-PFNA (surr.)	1	%	95	96	92	96
13C6-PFDA (surr.)	1	%	98	92	94	96
13C2-PFUnDA (surr.)	1	%	101	98	106	103
13C2-PFDoDA (surr.)	1	%	107	100	99	98
13C2-PFTeDA (surr.)	1	%	100	93	94	98
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	86	90	82	91
D3-N-MeFOSA (surr.)	1	%	89	89	79	81
D5-N-EtFOSA (surr.)	1	%	93	97	80	88
D7-N-MeFOSE (surr.)	1	%	83	88	80	81
D9-N-EtFOSE (surr.)	1	%	87	89	77	82

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Client Sample ID			AI_1B_TP09_0.1	AI_1B_TP09_0.3	AI_1B_TP13_0.1	AI_1B_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65724	S21-Oc65725	S21-Oc65726	S21-Oc65727
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	126	81	102	73
D3-N-MeFOSAA (surr.)	1	%	110	76	99	74
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	102	99	103
18O2-PFHxS (surr.)	1	%	101	99	97	98
13C8-PFOS (surr.)	1	%	96	97	104	104
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	107	101	99	112
13C2-6:2 FTSA (surr.)	1	%	102	94	96	92
13C2-8:2 FTSA (surr.)	1	%	132	118	108	118
13C2-10:2 FTSA (surr.)	1	%	114	93	105	91
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	INT	52	57	68
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	INT	52	57	68
Toluene-d8 (surr.)	1	%	INT	51	56	63
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	130	110	122
p-Terphenyl-d14 (surr.)	1	%	118	130	107	121

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Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	98	107	90	103
Tetrachloro-m-xylene (surr.)	1	%	104	115	96	109
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

DRAFT

Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	119	134	110	123
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	130	110	122
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 1	< 1	< 1	< 1
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	113	101	87	93
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	135	INT	127	143
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	123	143	121	136
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.9	6.8	4.4	4.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	18	9.8	11
Copper	5	mg/kg	14	17	9.1	13
Lead	5	mg/kg	18	12	9.3	7.9
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.9	8.0	5.5	< 5
Zinc	5	mg/kg	27	32	18	18
% Moisture	1	%	5.8	3.4	5.2	2.6
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	84	87	87	81

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Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	110	108	110	101
13C5-PFHxA (surr.)	1	%	90	92	94	86
13C4-PFHpA (surr.)	1	%	87	89	92	87
13C8-PFOA (surr.)	1	%	87	85	94	85
13C5-PFNA (surr.)	1	%	85	87	100	83
13C6-PFDA (surr.)	1	%	92	90	98	84
13C2-PFUnDA (surr.)	1	%	98	94	110	84
13C2-PFDoDA (surr.)	1	%	94	91	110	81
13C2-PFTeDA (surr.)	1	%	90	85	96	83
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	80	88	92	78
D3-N-MeFOSA (surr.)	1	%	75	79	85	75
D5-N-EtFOSA (surr.)	1	%	76	80	84	77
D7-N-MeFOSE (surr.)	1	%	72	79	79	73
D9-N-EtFOSE (surr.)	1	%	77	75	80	74
D5-N-EtFOSAA (surr.)	1	%	97	67	105	57
D3-N-MeFOSAA (surr.)	1	%	97	65	101	55
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	90	95	97	88
18O2-PFHxS (surr.)	1	%	93	91	93	85
13C8-PFOS (surr.)	1	%	89	92	105	87
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	92	88	98	84
13C2-6:2 FTSA (surr.)	1	%	89	83	94	83

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Client Sample ID			AI_1B_TP06_0.1	AI_1B_TP06_0.3	AI_1B_TP04_0.1	AI_1B_TP04_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65728	S21-Oc65729	S21-Oc65730	S21-Oc65731
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	105	106	122	108
13C2-10:2 FTSA (surr.)	1	%	103	84	118	86
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	74	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	120	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	194	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	160	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	160	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	77	87	77	72
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	77	87	77	72
Toluene-d8 (surr.)	1	%	73	88	76	69

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Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	134	127	131	133
p-Terphenyl-d14 (surr.)	1	%	140	138	129	136
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	95	100	79	118
Tetrachloro-m-xylene (surr.)	1	%	111	105	116	118

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Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	114	112	96	133
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	134	127	131	133
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	89	124	100	127
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 2.5	< 2.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	118	113	114	129
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	132	132	126	139
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	9.8	12	17	21
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	23	29	34
Copper	5	mg/kg	16	21	23	25
Lead	5	mg/kg	23	10	30	40
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	7.1	15	13
Zinc	5	mg/kg	48	37	62	55
% Moisture	1	%	19	12	19	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	86	88	90	91
13C5-PFPeA (surr.)	1	%	106	112	107	114
13C5-PFHxA (surr.)	1	%	92	93	100	94
13C4-PFHpA (surr.)	1	%	98	93	97	93
13C8-PFOA (surr.)	1	%	95	93	95	93
13C5-PFNA (surr.)	1	%	100	93	97	94
13C6-PFDA (surr.)	1	%	104	92	99	92
13C2-PFUnDA (surr.)	1	%	116	94	115	96
13C2-PFDoDA (surr.)	1	%	103	93	113	93
13C2-PFTeDA (surr.)	1	%	84	99	101	96
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	87	91	90	88
D3-N-MeFOSA (surr.)	1	%	76	82	82	81
D5-N-EtFOSA (surr.)	1	%	74	83	83	81
D7-N-MeFOSE (surr.)	1	%	73	83	84	82
D9-N-EtFOSE (surr.)	1	%	70	81	81	80

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Client Sample ID			AI_1B_TP03_0.1	AI_1B_TP03_0.3	AI_1B_TP02_0.1	AI_1B_TP02_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65732	S21-Oc65733	S21-Oc65734	S21-Oc65735
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	132	60	121	67
D3-N-MeFOSAA (surr.)	1	%	136	55	116	63
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	97	102	98
18O2-PFHxS (surr.)	1	%	102	92	100	93
13C8-PFOS (surr.)	1	%	99	95	103	91
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	116	101	102	88
13C2-6:2 FTSA (surr.)	1	%	132	92	101	89
13C2-8:2 FTSA (surr.)	1	%	183	108	132	108
13C2-10:2 FTSA (surr.)	1	%	197	98	127	83
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	INT	101	101	119
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	INT	101	101	119
Toluene-d8 (surr.)	1	%	INT	120	129	80
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	107	122	102
p-Terphenyl-d14 (surr.)	1	%	109	104	122	111

DRAFT

Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	94	87	101	78
Tetrachloro-m-xylene (surr.)	1	%	100	96	107	95
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	108	107	113	99
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	107	122	102
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 1	< 1	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	127	123	119	101
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 2.5	< 2.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	133	123	118	103
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 5	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	125	128	118	106
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	12	12	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	26	22	31	27
Copper	5	mg/kg	20	25	21	23
Lead	5	mg/kg	24	26	34	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	8.5	20	9.7
Zinc	5	mg/kg	46	37	65	42
% Moisture	1	%	16	13	16	16
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	90	91	93	105

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Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	114	112	114	128
13C5-PFHxA (surr.)	1	%	96	93	102	107
13C4-PFHpA (surr.)	1	%	97	88	96	110
13C8-PFOA (surr.)	1	%	97	95	97	103
13C5-PFNA (surr.)	1	%	98	90	99	103
13C6-PFDA (surr.)	1	%	94	93	101	99
13C2-PFUnDA (surr.)	1	%	110	92	105	107
13C2-PFDoDA (surr.)	1	%	110	92	108	103
13C2-PFTeDA (surr.)	1	%	101	91	99	104
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	87	89	96
D3-N-MeFOSA (surr.)	1	%	83	78	83	91
D5-N-EtFOSA (surr.)	1	%	85	79	84	89
D7-N-MeFOSE (surr.)	1	%	82	80	81	94
D9-N-EtFOSE (surr.)	1	%	84	81	83	93
D5-N-EtFOSAA (surr.)	1	%	112	64	118	96
D3-N-MeFOSAA (surr.)	1	%	116	60	100	92
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	97	95	108	96
18O2-PFHxS (surr.)	1	%	99	94	101	109
13C8-PFOS (surr.)	1	%	104	93	105	105
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	106	95	112	109
13C2-6:2 FTSA (surr.)	1	%	102	85	99	106

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Client Sample ID			AI_1B_TP05_0.1	AI_1B_TP05_0.3	AI_TP164_0.1	AI_TP164_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65736	S21-Oc65737	S21-Oc65739	S21-Oc65740
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	136	110	129	122
13C2-10:2 FTSA (surr.)	1	%	119	97	114	94
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	62	92	62	60
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	62	92	62	60
Toluene-d8 (surr.)	1	%	76	85	73	78

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Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	82	94	91	94
p-Terphenyl-d14 (surr.)	1	%	94	109	111	118
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	68	83	83	85
Tetrachloro-m-xylene (surr.)	1	%	79	92	93	98

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Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	82	99	100	104
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	82	94	91	94
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	85	100	103	110
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	89	99	105	104
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	85	103	100	108
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	13	7.3	13	14
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	37	20	29	32
Copper	5	mg/kg	28	22	18	23
Lead	5	mg/kg	35	18	24	23
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	19	5.6	9.2	7.4
Zinc	5	mg/kg	66	29	33	34
% Moisture	1	%	18	14	19	12
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	98	107	103	103
13C5-PFPeA (surr.)	1	%	113	120	121	123
13C5-PFHxA (surr.)	1	%	101	105	103	101
13C4-PFHpA (surr.)	1	%	95	108	112	97
13C8-PFOA (surr.)	1	%	99	105	105	100
13C5-PFNA (surr.)	1	%	101	104	103	101
13C6-PFDA (surr.)	1	%	101	105	108	98
13C2-PFUnDA (surr.)	1	%	107	97	111	98
13C2-PFDoDA (surr.)	1	%	109	103	118	97
13C2-PFTeDA (surr.)	1	%	106	103	110	102
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	88	88	94
D3-N-MeFOSA (surr.)	1	%	82	85	81	82
D5-N-EtFOSA (surr.)	1	%	84	89	85	83
D7-N-MeFOSE (surr.)	1	%	83	94	86	85
D9-N-EtFOSE (surr.)	1	%	86	90	87	87
D5-N-EtFOSAA (surr.)	1	%	125	102	148	76
D3-N-MeFOSAA (surr.)	1	%	108	98	115	77

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Client Sample ID			AI_TP169_0.1	AI_TP169_0.3	AI_TP168_0.1	AI_TP168_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65741	S21-Oc65742	S21-Oc65743	S21-Oc65744
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	100	104	100	97
18O2-PFHxS (surr.)	1	%	96	100	105	99
13C8-PFOS (surr.)	1	%	99	95	95	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	110	109	113	104
13C2-6:2 FTSA (surr.)	1	%	105	101	115	99
13C2-8:2 FTSA (surr.)	1	%	124	121	143	117
13C2-10:2 FTSA (surr.)	1	%	123	97	135	100
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	56	87	79	76
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	56	87	79	76
Toluene-d8 (surr.)	1	%	67	110	96	102
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	113	129	125	117
p-Terphenyl-d14 (surr.)	1	%	119	133	131	121
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	100	113	111	100
Tetrachloro-m-xylene (surr.)	1	%	103	115	115	102
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	113	125	120	118
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	113	129	125	117
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	115	111	109	124
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 2.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	107	126	121	93
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	113	143	119	135
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.9	5.7	16	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	23	22	31	26
Copper	5	mg/kg	18	22	22	35
Lead	5	mg/kg	27	15	29	28
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	17	7.1	9.7	13
Zinc	5	mg/kg	51	33	37	75
% Moisture	1	%	21	19	22	18
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	101	105	104	109
13C5-PFPeA (surr.)	1	%	113	121	124	128
13C5-PFHxA (surr.)	1	%	100	103	111	110
13C4-PFHpA (surr.)	1	%	103	110	110	113
13C8-PFOA (surr.)	1	%	100	105	112	111
13C5-PFNA (surr.)	1	%	106	101	112	106
13C6-PFDA (surr.)	1	%	99	102	106	104
13C2-PFUnDA (surr.)	1	%	107	104	113	108
13C2-PFDoDA (surr.)	1	%	114	107	121	120
13C2-PFTeDA (surr.)	1	%	111	108	112	112

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Client Sample ID			AI_TP163_0.1	AI_TP163_0.3	AI_TP158_0.1	AI_TP158_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65745	S21-Oc65746	S21-Oc65747	S21-Oc65748
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	90	94	90	92
D3-N-MeFOSA (surr.)	1	%	82	87	80	89
D5-N-EtFOSA (surr.)	1	%	79	91	82	88
D7-N-MeFOSE (surr.)	1	%	89	96	85	92
D9-N-EtFOSE (surr.)	1	%	84	94	87	92
D5-N-EtFOSAA (surr.)	1	%	116	101	147	109
D3-N-MeFOSAA (surr.)	1	%	116	106	118	99
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	105	102	106	111
18O2-PFHxS (surr.)	1	%	104	107	107	109
13C8-PFOS (surr.)	1	%	95	101	103	103
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	116	104	123	122
13C2-6:2 FTSA (surr.)	1	%	107	104	122	112
13C2-8:2 FTSA (surr.)	1	%	133	113	143	130
13C2-10:2 FTSA (surr.)	1	%	135	103	143	108
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	39	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	300	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	550	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	889	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	66	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	66	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	710	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	410	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	1186	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	81	88	90	91
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	81	88	90	91
Toluene-d8 (surr.)	1	%	112	111	113	115
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	1.2	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	2.4	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	123	116	120	123
p-Terphenyl-d14 (surr.)	1	%	108	119	116	122
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 10	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	70	97	105	103
Tetrachloro-m-xylene (surr.)	1	%	96	100	99	103
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 5	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 5	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 5	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	97	112	115	118
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	1.2	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	2.4	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 10	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 2	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	123	116	120	123
2-Methylnaphthalene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 1	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 2	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 10	< 5	< 5	< 5

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 2	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	93	107	121	119
2.4.6-Trichlorophenol	1	mg/kg	< 2	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 2	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 2	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 10	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 5	< 2.5	< 2.5	< 2.5
a-HCH	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	1.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	141	96	106	109
Pentachlorobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	125	128	128	136
Pronamide	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.0	11	12	9.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	23	33	32
Copper	5	mg/kg	19	17	15	23
Lead	5	mg/kg	30	15	27	19
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	7.2	8.5	6.6
Zinc	5	mg/kg	51	29	26	28
% Moisture	1	%	18	12	13	12
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	99	92	93
13C5-PFPeA (surr.)	1	%	102	118	111	115
13C5-PFHxA (surr.)	1	%	90	110	105	99
13C4-PFHpA (surr.)	1	%	91	98	97	95
13C8-PFOA (surr.)	1	%	88	102	99	94
13C5-PFNA (surr.)	1	%	85	103	100	92
13C6-PFDA (surr.)	1	%	77	102	99	96
13C2-PFUnDA (surr.)	1	%	75	104	92	95
13C2-PFDoDA (surr.)	1	%	80	106	103	103
13C2-PFTeDA (surr.)	1	%	72	120	110	95
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	63	93	89	92
D3-N-MeFOSA (surr.)	1	%	60	92	88	83
D5-N-EtFOSA (surr.)	1	%	62	94	88	91
D7-N-MeFOSE (surr.)	1	%	57	90	85	84
D9-N-EtFOSE (surr.)	1	%	54	92	88	88
D5-N-EtFOSAA (surr.)	1	%	119	90	125	83
D3-N-MeFOSAA (surr.)	1	%	91	81	87	81
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	102	108	105	99
18O2-PFHxS (surr.)	1	%	98	107	98	98
13C8-PFOS (surr.)	1	%	93	106	106	105

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Client Sample ID			AI_TP167_0.1	AI_TP167_0.3	AI_TP171_0.1	AI_TP171_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65749	S21-Oc65750	S21-Oc65751	S21-Oc65752
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	166	111	105	103
13C2-6:2 FTSA (surr.)	1	%	193	102	97	92
13C2-8:2 FTSA (surr.)	1	%	INT	118	125	109
13C2-10:2 FTSA (surr.)	1	%	INT	112	109	96
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	52	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	52	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	84	61	85	60

DRAFT

Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	84	61	85	60
Toluene-d8 (surr.)	1	%	100	70	110	64
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	121	134	122
p-Terphenyl-d14 (surr.)	1	%	119	121	126	120
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	106	109	89	104
Tetrachloro-m-xylene (surr.)	1	%	101	102	109	101
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	119	119	113	117

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Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	121	134	122
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	120	117	117	122
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	109	107	120	106
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	120	136	138	134
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.9	9.1	9.6	9.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	28	26	23
Copper	5	mg/kg	17	22	22	30
Lead	5	mg/kg	24	16	27	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.6	8.1	17	11
Zinc	5	mg/kg	47	37	70	51
% Moisture	1	%	16	18	11	15
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	93	92	89	89
13C5-PFPeA (surr.)	1	%	112	111	107	107
13C5-PFHxA (surr.)	1	%	98	96	94	95
13C4-PFHpA (surr.)	1	%	96	94	99	88
13C8-PFOA (surr.)	1	%	98	97	98	91
13C5-PFNA (surr.)	1	%	99	95	101	92
13C6-PFDA (surr.)	1	%	103	94	101	88
13C2-PFUnDA (surr.)	1	%	96	93	109	97
13C2-PFDoDA (surr.)	1	%	118	98	110	103
13C2-PFTeDA (surr.)	1	%	105	102	110	97

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Client Sample ID			AI_TP172_0.1	AI_TP172_0.3	AI_TP170_0.1	AI_TP170_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65753	S21-Oc65754	S21-Oc65755	S21-Oc65756
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	94	89	90	89
D3-N-MeFOSA (surr.)	1	%	89	87	85	83
D5-N-EtFOSA (surr.)	1	%	92	88	87	86
D7-N-MeFOSE (surr.)	1	%	91	83	82	78
D9-N-EtFOSE (surr.)	1	%	87	86	81	83
D5-N-EtFOSAA (surr.)	1	%	128	90	127	87
D3-N-MeFOSAA (surr.)	1	%	97	86	115	74
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	106	97	100	97
18O2-PFHxS (surr.)	1	%	103	95	104	91
13C8-PFOS (surr.)	1	%	105	97	100	94
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	108	95	116	98
13C2-6:2 FTSA (surr.)	1	%	111	92	107	85
13C2-8:2 FTSA (surr.)	1	%	144	109	152	101
13C2-10:2 FTSA (surr.)	1	%	120	96	159	99
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	85	79	98	93
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	85	79	98	93
Toluene-d8 (surr.)	1	%	85	68	93	87
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	110	107	124
p-Terphenyl-d14 (surr.)	1	%	102	110	103	122
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	102	102	110	120
Tetrachloro-m-xylene (surr.)	1	%	104	110	105	124
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	120	122	125	139
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	110	107	124
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	126	147	136	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	125	124	128	150
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	113	128	117	140
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.1	5.1	9.6	8.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	15	18	18	14
Copper	5	mg/kg	11	16	19	22
Lead	5	mg/kg	13	12	20	11
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.8	6.3	16	8.4
Zinc	5	mg/kg	18	24	42	31
% Moisture	1	%	22	23	18	6.0
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	88	91	92	92
13C5-PFPeA (surr.)	1	%	106	108	106	111
13C5-PFHxA (surr.)	1	%	93	93	94	96
13C4-PFHpA (surr.)	1	%	93	90	97	94
13C8-PFOA (surr.)	1	%	96	93	97	91
13C5-PFNA (surr.)	1	%	93	95	100	98
13C6-PFDA (surr.)	1	%	94	92	101	92
13C2-PFUnDA (surr.)	1	%	102	97	110	100
13C2-PFDoDA (surr.)	1	%	103	102	115	98
13C2-PFTeDA (surr.)	1	%	101	94	103	98
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	85	88	91	91
D3-N-MeFOSA (surr.)	1	%	79	84	84	86
D5-N-EtFOSA (surr.)	1	%	80	86	85	91
D7-N-MeFOSE (surr.)	1	%	74	82	82	88
D9-N-EtFOSE (surr.)	1	%	78	84	83	88
D5-N-EtFOSAA (surr.)	1	%	134	77	144	67
D3-N-MeFOSAA (surr.)	1	%	102	73	130	63
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	99	99	97
18O2-PFHxS (surr.)	1	%	97	95	105	95
13C8-PFOS (surr.)	1	%	99	102	101	98

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Client Sample ID			AI_TP165_0.1	AI_TP165_0.3	AI_TP166_0.1	AI_TP166_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65757	S21-Oc65758	S21-Oc65759	S21-Oc65760
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	119	97	117	102
13C2-6:2 FTSA (surr.)	1	%	106	89	112	90
13C2-8:2 FTSA (surr.)	1	%	149	106	155	111
13C2-10:2 FTSA (surr.)	1	%	139	98	163	94
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	20	mg/kg	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100
BTEX					
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	105	84	131

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Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Volatile Organics					
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Volatile Organics					
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	105	84	131
Toluene-d8 (surr.)	1	%	105	106	86
Polycyclic Aromatic Hydrocarbons					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	122	122
p-Terphenyl-d14 (surr.)	1	%	116	124	125
Organochlorine Pesticides					
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Organochlorine Pesticides					
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	112	104	101
Tetrachloro-m-xylene (surr.)	1	%	119	103	105
Organophosphorus Pesticides					
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	135	118	112

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Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 1	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	122	122
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	121	109
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 2.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
Nitrobenzene-d5 (surr.)	1	%	143	107	120
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	126	121	131
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heavy Metals					
Arsenic	2	mg/kg	8.0	11	7.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	26	23
Copper	5	mg/kg	26	28	31
Lead	5	mg/kg	17	28	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	20	6.1
Zinc	5	mg/kg	42	47	29
% Moisture	1	%	14	23	17
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	91	94
13C5-PFPeA (surr.)	1	%	118	112	112
13C5-PFHxA (surr.)	1	%	102	96	101
13C4-PFHpA (surr.)	1	%	97	91	95
13C8-PFOA (surr.)	1	%	99	91	93
13C5-PFNA (surr.)	1	%	96	96	93
13C6-PFDA (surr.)	1	%	93	92	89
13C2-PFUnDA (surr.)	1	%	98	104	97
13C2-PFDoDA (surr.)	1	%	104	98	97
13C2-PFTeDA (surr.)	1	%	102	97	95

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Client Sample ID			AI_TP160_0.3	AI_1B_20211027_D01	AI_1B_20211027_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-Oc65761	S21-Oc65762	S21-Oc65763
Date Sampled			Oct 27, 2021	Oct 27, 2021	Oct 27, 2021
Test/Reference	LOR	Unit			
Perfluoroalkyl sulfonamido substances					
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	84	90
D3-N-MeFOSA (surr.)	1	%	87	86	86
D5-N-EtFOSA (surr.)	1	%	93	88	88
D7-N-MeFOSE (surr.)	1	%	89	87	87
D9-N-EtFOSE (surr.)	1	%	89	84	87
D5-N-EtFOSAA (surr.)	1	%	92	93	67
D3-N-MeFOSAA (surr.)	1	%	94	94	66
Perfluoroalkyl sulfonic acids (PFSAs)					
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	100	102	95
18O2-PFHxS (surr.)	1	%	99	94	90
13C8-PFOS (surr.)	1	%	98	96	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	106	99	98
13C2-6:2 FTSA (surr.)	1	%	93	93	89
13C2-8:2 FTSA (surr.)	1	%	121	109	103
13C2-10:2 FTSA (surr.)	1	%	103	109	88
PFASs Summations					
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 11, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 11, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 11, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 11, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 11, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 11, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 11, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 11, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 11, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 11, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 11, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Sydney	Nov 11, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Sydney	Nov 11, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Sydney	Nov 11, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Sydney	Nov 11, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
PFASs Summations	Sydney	Nov 11, 2021	
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
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Project Name: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 836571
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_1B_TP27_0.4	Oct 27, 2021		Soil	S21-No01138			X						
2	AI_TP159_0.3	Oct 27, 2021		Soil	S21-No01139			X						
3	AI_1B_20211027_T04	Oct 27, 2021		Soil	S21-No24643			X						
4	AI_1B_TP20_0.1	Oct 27, 2021		Soil	S21-Oc65708	X				X	X	X	X	
5	AI_1B_TP20_0.4	Oct 27, 2021		Soil	S21-Oc65709					X	X	X	X	
6	AI_1B_TP15_0.1	Oct 27, 2021		Soil	S21-Oc65710	X				X	X	X	X	

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Project ID: 0571466

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Phone: 02 8584 8888
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Received: Oct 27, 2021 2:55 PM
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Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
7	AI_1B_TP15_0.4	Oct 27, 2021		Soil	S21-Oc65711					X	X	X	X	
8	AI_1B_TP16_0.1	Oct 27, 2021		Soil	S21-Oc65712	X				X	X	X	X	
9	AI_1B_TP16_0.4	Oct 27, 2021		Soil	S21-Oc65713					X	X	X	X	
10	AI_1B_TP17_0.1	Oct 27, 2021		Soil	S21-Oc65714	X				X	X	X	X	
11	AI_1B_TP17_0.4	Oct 27, 2021		Soil	S21-Oc65715					X	X	X	X	
12	AI_1B_TP18_0.1	Oct 27, 2021		Soil	S21-Oc65716	X				X	X	X	X	
13	AI_1B_TP18_	Oct 27, 2021		Soil	S21-Oc65717					X	X	X		

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Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
13	AI_1B_TP18_0.4	Oct 27, 2021		Soil	S21-Oc65717									
14	AI_1B_TP12_0.1	Oct 27, 2021		Soil	S21-Oc65718	X				X	X	X	X	
15	AI_1B_TP12_0.3	Oct 27, 2021		Soil	S21-Oc65719					X	X	X	X	
16	AI_1B_TP11_0.1	Oct 27, 2021		Soil	S21-Oc65720	X				X	X	X	X	
17	AI_1B_TP11_0.3	Oct 27, 2021		Soil	S21-Oc65721					X	X	X	X	
18	AI_1B_TP10_0.1	Oct 27, 2021		Soil	S21-Oc65722	X				X	X	X	X	
19	AI_1B_TP10_	Oct 27, 2021		Soil	S21-Oc65723					X	X	X	X	

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Project ID: 0571466

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Fax: 02 8584 8800

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Due: Nov 3, 2021
Priority: 5 Day
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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.3													
20	AI_1B_TP09_0.1	Oct 27, 2021		Soil	S21-Oc65724	X				X	X	X	X	
21	AI_1B_TP09_0.3	Oct 27, 2021		Soil	S21-Oc65725					X	X	X	X	
22	AI_1B_TP13_0.1	Oct 27, 2021		Soil	S21-Oc65726	X				X	X	X	X	
23	AI_1B_TP13_0.3	Oct 27, 2021		Soil	S21-Oc65727					X	X	X	X	
24	AI_1B_TP06_0.1	Oct 27, 2021		Soil	S21-Oc65728	X				X	X	X	X	
25	AI_1B_TP06_0.3	Oct 27, 2021		Soil	S21-Oc65729					X	X	X	X	

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
26	AI_1B_TP04_0.1	Oct 27, 2021		Soil	S21-Oc65730	X				X	X	X	X	
27	AI_1B_TP04_0.3	Oct 27, 2021		Soil	S21-Oc65731					X	X	X	X	
28	AI_1B_TP03_0.1	Oct 27, 2021		Soil	S21-Oc65732	X				X	X	X	X	
29	AI_1B_TP03_0.3	Oct 27, 2021		Soil	S21-Oc65733					X	X	X	X	
30	AI_1B_TP02_0.1	Oct 27, 2021		Soil	S21-Oc65734	X				X	X	X	X	
31	AI_1B_TP02_0.3	Oct 27, 2021		Soil	S21-Oc65735					X	X	X	X	
32	AI_1B_TP05_	Oct 27, 2021		Soil	S21-Oc65736	X				X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.1													
33	AI_1B_TP05_0.3	Oct 27, 2021		Soil	S21-Oc65737					X	X	X	X	
34	AI_TP159_0.1	Oct 27, 2021		Soil	S21-Oc65738		X							
35	AI_TP164_0.1	Oct 27, 2021		Soil	S21-Oc65739	X				X	X	X	X	
36	AI_TP164_0.4	Oct 27, 2021		Soil	S21-Oc65740					X	X	X	X	
37	AI_TP169_0.1	Oct 27, 2021		Soil	S21-Oc65741	X				X	X	X	X	
38	AI_TP169_0.3	Oct 27, 2021		Soil	S21-Oc65742					X	X	X	X	
39	AI_TP168_0.1	Oct 27, 2021		Soil	S21-Oc65743	X				X	X	X	X	
40	AI_TP168_0.3	Oct 27, 2021		Soil	S21-Oc65744					X	X	X	X	
41	AI_TP163_0.1	Oct 27, 2021		Soil	S21-Oc65745	X				X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
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Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
42	AI_TP163_0.3	Oct 27, 2021		Soil	S21-Oc65746					X	X	X	X	
43	AI_TP158_0.1	Oct 27, 2021		Soil	S21-Oc65747	X				X	X	X	X	
44	AI_TP158_0.3	Oct 27, 2021		Soil	S21-Oc65748					X	X	X	X	
45	AI_TP167_0.1	Oct 27, 2021		Soil	S21-Oc65749	X				X	X	X	X	
46	AI_TP167_0.3	Oct 27, 2021		Soil	S21-Oc65750					X	X	X	X	
47	AI_TP171_0.1	Oct 27, 2021		Soil	S21-Oc65751	X				X	X	X	X	
48	AI_TP171_0.3	Oct 27, 2021		Soil	S21-Oc65752					X	X	X	X	
49	AI_TP172_0.1	Oct 27, 2021		Soil	S21-Oc65753	X				X	X	X	X	
50	AI_TP172_0.3	Oct 27, 2021		Soil	S21-Oc65754					X	X	X	X	
51	AI_TP170_0.1	Oct 27, 2021		Soil	S21-Oc65755	X				X	X	X	X	
52	AI_TP170_0.3	Oct 27, 2021		Soil	S21-Oc65756					X	X	X	X	

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
53	AI_TP165_0.1	Oct 27, 2021		Soil	S21-Oc65757	X				X	X	X	X	
54	AI_TP165_0.3	Oct 27, 2021		Soil	S21-Oc65758					X	X	X	X	
55	AI_TP166_0.1	Oct 27, 2021		Soil	S21-Oc65759	X				X	X	X	X	
56	AI_TP166_0.3	Oct 27, 2021		Soil	S21-Oc65760					X	X	X	X	
57	AI_TP160_0.3	Oct 27, 2021		Soil	S21-Oc65761					X	X	X	X	
58	AI_1B_20211027_D01	Oct 27, 2021		Soil	S21-Oc65762					X	X	X	X	
59	AI_1B_20211027_D02	Oct 27, 2021		Soil	S21-Oc65763					X	X	X	X	
60	AI_1B_20211027_D03	Oct 27, 2021		Soil	S21-Oc65764		X							
61	AI_1B_202110	Oct 27, 2021		Soil	S21-Oc65765		X							

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
61	AI_1B_20211027_D04	Oct 27, 2021		Soil	S21-Oc65765									
62	AI_TRIP SPIKE	Oct 27, 2021		Water	S21-Oc65766									X
63	AI_TRIP BLANK	Oct 27, 2021		Water	S21-Oc65767				X					
Test Counts						26	3	3	1	55	55	55	54	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

.

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	95			70-130	Pass	
TRH C10-C14	%	88			70-130	Pass	
Naphthalene	%	107			70-130	Pass	
TRH C6-C10	%	89			70-130	Pass	
TRH >C10-C16	%	96			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	111			70-130	Pass	
Toluene	%	91			70-130	Pass	
Ethylbenzene	%	92			70-130	Pass	
m&p-Xylenes	%	97			70-130	Pass	
o-Xylene	%	99			70-130	Pass	
Xylenes - Total*	%	98			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	86			70-130	Pass	
1.1.1-Trichloroethane	%	91			70-130	Pass	
1.2-Dichlorobenzene	%	99			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	102			70-130	Pass	
Benzene	%	119			70-130	Pass	
Ethylbenzene	%	100			70-130	Pass	
m&p-Xylenes	%	106			70-130	Pass	
o-Xylene	%	103			70-130	Pass	
Toluene	%	110			70-130	Pass	
Trichloroethene	%	81			70-130	Pass	
Xylenes - Total*	%	105			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	79			70-130	Pass	
Acenaphthylene	%	79			70-130	Pass	
Anthracene	%	83			70-130	Pass	
Benz(a)anthracene	%	82			70-130	Pass	
Benzo(a)pyrene	%	84			70-130	Pass	
Benzo(b&j)fluoranthene	%	84			70-130	Pass	
Benzo(g.h.i)perylene	%	72			70-130	Pass	
Benzo(k)fluoranthene	%	88			70-130	Pass	
Chrysene	%	80			70-130	Pass	
Dibenz(a.h)anthracene	%	74			70-130	Pass	
Fluoranthene	%	77			70-130	Pass	
Fluorene	%	81			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	73			70-130	Pass	
Naphthalene	%	80			70-130	Pass	
Phenanthrene	%	81			70-130	Pass	
Pyrene	%	77			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	94			70-130	Pass	
4.4'-DDD	%	94			70-130	Pass	
4.4'-DDE	%	95			70-130	Pass	
4.4'-DDT	%	85			70-130	Pass	
a-HCH	%	90			70-130	Pass	
Aldrin	%	88			70-130	Pass	
b-HCH	%	96			70-130	Pass	
d-HCH	%	96			70-130	Pass	
Dieldrin	%	89			70-130	Pass	
Endosulfan I	%	94			70-130	Pass	
Endosulfan II	%	92			70-130	Pass	
Endosulfan sulphate	%	73			70-130	Pass	
Endrin	%	82			70-130	Pass	
Endrin aldehyde	%	79			70-130	Pass	
Endrin ketone	%	74			70-130	Pass	
g-HCH (Lindane)	%	91			70-130	Pass	
Heptachlor	%	119			70-130	Pass	
Heptachlor epoxide	%	94			70-130	Pass	
Hexachlorobenzene	%	94			70-130	Pass	
Methoxychlor	%	128			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	82			70-130	Pass	
Dimethoate	%	86			70-130	Pass	
Ethion	%	123			70-130	Pass	
Fenitrothion	%	128			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Mevinphos	%	84			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	108			25-140	Pass	
1.2.4-Trichlorobenzene	%	98			70-130	Pass	
1.3-Dichlorobenzene	%	103			70-130	Pass	
1.4-Dichlorobenzene	%	102			70-130	Pass	
2-Chlorophenol	%	74			25-140	Pass	
2-Methylphenol (o-Cresol)	%	72			25-140	Pass	
2-Nitrophenol	%	123			25-140	Pass	
2.4-Dichlorophenol	%	77			25-140	Pass	
2.4-Dimethylphenol	%	73			25-140	Pass	
2.4-Dinitrophenol	%	79			25-140	Pass	
2.4-Dinitrotoluene	%	116			70-130	Pass	
2.4.5-Trichlorophenol	%	74			25-140	Pass	
2.4.6-Trichlorophenol	%	70			25-140	Pass	
2.6-Dichlorophenol	%	73			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	87			25-140	Pass	
4-Chloro-3-methylphenol	%	86			25-140	Pass	
4-Nitrophenol	%	107			25-140	Pass	
Acenaphthene	%	102			70-130	Pass	
N-Nitrosodipropylamine	%	103			70-130	Pass	
Pentachlorophenol	%	70			25-140	Pass	
Phenol	%	81			25-140	Pass	
Pyrene	%	100			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	80			80-120	Pass	
Cadmium	%	84			80-120	Pass	
Chromium	%	84			80-120	Pass	
Copper	%	83			80-120	Pass	
Lead	%	81			80-120	Pass	
Mercury	%	95			80-120	Pass	
Nickel	%	83			80-120	Pass	
Zinc	%	83			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	100			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	107			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	106			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	103			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	106			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	101			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	104			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	113			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	110			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	102			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	107			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	99			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	103			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	101			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	104			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	98			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	105			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	107			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	85			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	94			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	94			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	89			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	98			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	93			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	94			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	67			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	91			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	96			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	99			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Methoxychlor	S21-No07888	NCP	%	108			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Fenitrothion	S21-No07888	NCP	%	120			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-Oc65708	CP	%	93			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-Oc65708	CP	%	91			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-Oc65708	CP	%	95			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-Oc65708	CP	%	95			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-Oc65708	CP	%	102			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-Oc65708	CP	%	98			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-Oc65708	CP	%	99			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-Oc65708	CP	%	99			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-Oc65708	CP	%	101			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-Oc65708	CP	%	103			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-Oc65708	CP	%	98			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-Oc65708	CP	%	92			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-Oc65708	CP	%	94			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-Oc65708	CP	%	96			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-Oc65708	CP	%	91			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-Oc65708	CP	%	96			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-Oc65708	CP	%	94			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-Oc65708	CP	%	96			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-Oc65708	CP	%	80			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-Oc65708	CP	%	96			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-Oc65708	CP	%	84			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-Oc65708	CP	%	76			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-Oc65708	CP	%	87			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-Oc65708	CP	%	89			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-Oc65708	CP	%	91			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-Oc65708	CP	%	72			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-Oc65708	CP	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-Oc65708	CP	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-Oc65708	CP	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-Oc65708	CP	%	90			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-Oc65709	CP	%	73			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-Oc65709	CP	%	105			70-130	Pass	
Toluene	S21-Oc65709	CP	%	95			70-130	Pass	
Ethylbenzene	S21-Oc65709	CP	%	87			70-130	Pass	
m&p-Xylenes	S21-Oc65709	CP	%	91			70-130	Pass	
o-Xylene	S21-Oc65709	CP	%	90			70-130	Pass	
Xylenes - Total*	S21-Oc65709	CP	%	90			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S21-Oc65709	CP	%	111			70-130	Pass	
1.1.1-Trichloroethane	S21-Oc65709	CP	%	81			70-130	Pass	
1.2-Dichlorobenzene	S21-Oc65709	CP	%	88			70-130	Pass	
1.2-Dichloroethane	S21-Oc65709	CP	%	102			70-130	Pass	
Trichloroethene	S21-Oc65709	CP	%	87			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-Oc65714	CP	%	106			70-130	Pass	
Pyrene	S21-Oc65714	CP	%	110			70-130	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-Oc65714	CP	%	93			30-130	Pass	
4-Nitrophenol	S21-Oc65714	CP	%	119			30-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthylene	S21-Oc52731	NCP	%	76			70-130	Pass	
Anthracene	S21-Oc52731	NCP	%	71			70-130	Pass	
Benz(a)anthracene	S21-Oc57119	NCP	%	81			70-130	Pass	
Benzo(a)pyrene	S21-Oc57119	NCP	%	86			70-130	Pass	
Benzo(b&j)fluoranthene	S21-Oc57119	NCP	%	81			70-130	Pass	
Benzo(g.h.i)perylene	S21-Oc57119	NCP	%	75			70-130	Pass	
Benzo(k)fluoranthene	S21-Oc52731	NCP	%	70			70-130	Pass	
Chrysene	S21-Oc52731	NCP	%	73			70-130	Pass	
Dibenz(a.h)anthracene	S21-Oc57119	NCP	%	80			70-130	Pass	
Fluoranthene	S21-Oc52731	NCP	%	70			70-130	Pass	
Fluorene	S21-Oc52731	NCP	%	87			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S21-Oc57119	NCP	%	79			70-130	Pass	
Naphthalene	S21-Oc57119	NCP	%	81			70-130	Pass	
Phenanthrene	S21-Oc57119	NCP	%	82			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Endrin ketone	S21-Oc52731	NCP	%	70			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Methyl parathion	S21-Oc52731	NCP	%	111			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-Oc65717	CP	%	121			75-125	Pass	
Cadmium	S21-Oc65717	CP	%	113			75-125	Pass	
Chromium	S21-Oc65717	CP	%	116			75-125	Pass	
Copper	S21-Oc65717	CP	%	101			75-125	Pass	
Lead	S21-Oc65717	CP	%	108			75-125	Pass	
Mercury	S21-Oc65717	CP	%	106			75-125	Pass	
Nickel	S21-Oc65717	CP	%	102			75-125	Pass	
Zinc	S21-Oc65717	CP	%	107			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-Oc65719	CP	%	81			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-Oc65719	CP	%	97			70-130	Pass	
Toluene	S21-Oc65719	CP	%	95			70-130	Pass	
Ethylbenzene	S21-Oc65719	CP	%	86			70-130	Pass	
m&p-Xylenes	S21-Oc65719	CP	%	91			70-130	Pass	
o-Xylene	S21-Oc65719	CP	%	90			70-130	Pass	
Xylenes - Total*	S21-Oc65719	CP	%	91			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S21-Oc65719	CP	%	72			70-130	Pass	
1.1.1-Trichloroethane	S21-Oc65719	CP	%	76			70-130	Pass	
1.2-Dichlorobenzene	S21-Oc65719	CP	%	83			70-130	Pass	
1.2-Dichloroethane	S21-Oc65719	CP	%	93			70-130	Pass	
Trichloroethene	S21-Oc65719	CP	%	81			70-130	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-Oc65720	CP	%	88			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-Oc65720	CP	%	89			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-Oc65720	CP	%	95			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-Oc65720	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-Oc65720	CP	%	96			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-Oc65720	CP	%	96			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-Oc65720	CP	%	97			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-Oc65720	CP	%	97			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-Oc65720	CP	%	95			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-Oc65720	CP	%	89			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-Oc65720	CP	%	99			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-Oc65720	CP	%	90			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-Oc65720	CP	%	96			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-Oc65720	CP	%	93			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-Oc65720	CP	%	90			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-Oc65720	CP	%	90			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-Oc65720	CP	%	87			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-Oc65720	CP	%	99			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-Oc65720	CP	%	80			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-Oc65720	CP	%	93			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-Oc65720	CP	%	83			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-Oc65720	CP	%	76			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-Oc65720	CP	%	83			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-Oc65720	CP	%	87			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-Oc65720	CP	%	87			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-Oc65720	CP	%	64			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-Oc65720	CP	%	85			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-Oc65720	CP	%	81			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-Oc65720	CP	%	86			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-Oc65720	CP	%	93			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-Oc65726	CP	%	95			75-125	Pass	
Cadmium	S21-Oc65726	CP	%	91			75-125	Pass	
Chromium	S21-Oc65726	CP	%	113			75-125	Pass	
Copper	S21-Oc65726	CP	%	89			75-125	Pass	
Lead	S21-Oc65726	CP	%	115			75-125	Pass	
Mercury	S21-Oc65726	CP	%	91			75-125	Pass	
Nickel	S21-Oc65726	CP	%	93			75-125	Pass	
Zinc	S21-Oc65726	CP	%	106			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-Oc65730	CP	%	89			70-130	Pass	
Pyrene	S21-Oc65730	CP	%	90			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-Oc65730	CP	%	89			70-130	Pass	
4.4'-DDD	S21-Oc65730	CP	%	88			70-130	Pass	
4.4'-DDE	S21-Oc65730	CP	%	89			70-130	Pass	
4.4'-DDT	S21-Oc65730	CP	%	90			70-130	Pass	
a-HCH	S21-Oc65730	CP	%	83			70-130	Pass	
Aldrin	S21-Oc65730	CP	%	84			70-130	Pass	
b-HCH	S21-Oc65730	CP	%	89			70-130	Pass	
d-HCH	S21-Oc65730	CP	%	89			70-130	Pass	
Dieldrin	S21-Oc65730	CP	%	84			70-130	Pass	
Endosulfan I	S21-Oc65730	CP	%	90			70-130	Pass	
Endosulfan II	S21-Oc65730	CP	%	84			70-130	Pass	
Endrin	S21-Oc65730	CP	%	86			70-130	Pass	
g-HCH (Lindane)	S21-Oc65730	CP	%	87			70-130	Pass	
Heptachlor	S21-Oc65730	CP	%	126			70-130	Pass	
Heptachlor epoxide	S21-Oc65730	CP	%	90			70-130	Pass	
Hexachlorobenzene	S21-Oc65730	CP	%	87			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-Oc65730	CP	%	80			70-130	Pass	
Dimethoate	S21-Oc65730	CP	%	89			70-130	Pass	
Ethion	S21-Oc65730	CP	%	125			70-130	Pass	
Mevinphos	S21-Oc65730	CP	%	96			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-Oc65730	CP	%	88			30-130	Pass	
4-Nitrophenol	S21-Oc65730	CP	%	127			30-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-Oc65748	CP	%	79			70-130	Pass	
TRH C10-C14	S21-Oc65748	CP	%	84			70-130	Pass	
Naphthalene	S21-Oc65748	CP	%	86			70-130	Pass	
TRH C6-C10	S21-Oc65748	CP	%	76			70-130	Pass	
TRH >C10-C16	S21-Oc65748	CP	%	86			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-Oc65748	CP	%	127			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Toluene	S21-Oc65748	CP	%	121			70-130	Pass	
Ethylbenzene	S21-Oc65748	CP	%	104			70-130	Pass	
m&p-Xylenes	S21-Oc65748	CP	%	103			70-130	Pass	
o-Xylene	S21-Oc65748	CP	%	106			70-130	Pass	
Xylenes - Total*	S21-Oc65748	CP	%	104			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-Oc65752	CP	%	93			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-Oc65752	CP	%	93			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-Oc65752	CP	%	96			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-Oc65752	CP	%	97			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-Oc65752	CP	%	102			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-Oc65752	CP	%	92			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-Oc65752	CP	%	89			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-Oc65752	CP	%	96			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-Oc65752	CP	%	102			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-Oc65752	CP	%	96			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-Oc65752	CP	%	92			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-Oc65752	CP	%	87			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-Oc65752	CP	%	93			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-Oc65752	CP	%	90			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-Oc65752	CP	%	94			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-Oc65752	CP	%	87			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-Oc65752	CP	%	86			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-Oc65752	CP	%	89			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-Oc65752	CP	%	83			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-Oc65752	CP	%	88			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-Oc65752	CP	%	85			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-Oc65752	CP	%	85			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-Oc65752	CP	%	93			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-Oc65752	CP	%	85			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-Oc65752	CP	%	88			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-Oc65752	CP	%	71			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-Oc65752	CP	%	84			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-Oc65752	CP	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-Oc65752	CP	%	88			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-Oc65752	CP	%	88			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-Oc65762	CP	%	88			70-130	Pass	
TRH >C10-C16	S21-Oc65762	CP	%	89			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-Oc65762	CP	%	88			75-125	Pass	
Cadmium	S21-Oc65762	CP	%	97			75-125	Pass	
Chromium	S21-Oc65762	CP	%	101			75-125	Pass	
Copper	S21-Oc65762	CP	%	102			75-125	Pass	
Lead	S21-Oc65762	CP	%	109			75-125	Pass	
Mercury	S21-Oc65762	CP	%	89			75-125	Pass	
Nickel	S21-Oc65762	CP	%	100			75-125	Pass	
Zinc	S21-Oc65762	CP	%	95			75-125	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-Oc65708	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-Oc65708	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-Oc65708	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-Oc65708	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-Oc65708	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-Oc65708	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-Oc65708	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-Oc65708	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.3.5-Trimethylbenzene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-Oc65708	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-Oc65713	CP	%	25	25	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-Oc65715	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-Oc65715	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-Oc65715	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-Oc65715	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-Oc65715	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-Oc65715	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Chrysene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-Oc65715	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-Oc65715	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-Oc65715	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Methyl parathion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-Oc65715	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-Oc65715	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-Oc65715	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-Oc65715	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dinitrophenol	S21-Oc65715	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-Oc65715	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-Oc65715	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
4.4'-DDT	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-Oc65715	CP	mg/kg	< 2.5	< 2.5	<1	30%	Pass	
a-HCH	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-Oc65715	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a,j)acridine	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-Oc65715	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-Oc65715	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-Oc65716	CP	mg/kg	9.7	14	39	30%	Fail	Q15
Cadmium	S21-Oc65716	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-Oc65716	CP	mg/kg	17	24	33	30%	Fail	Q15
Copper	S21-Oc65716	CP	mg/kg	16	21	28	30%	Pass	
Lead	S21-Oc65716	CP	mg/kg	19	27	32	30%	Fail	Q15
Mercury	S21-Oc65716	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Nickel	S21-Oc65716	CP	mg/kg	15	14	9.0	30%	Pass	
Zinc	S21-Oc65716	CP	mg/kg	36	45	22	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-Oc65718	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-Oc65718	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-Oc65718	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-Oc65718	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-Oc65718	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-Oc65718	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-Oc65718	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-Oc65718	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Iodomethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-Oc65718	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-Oc65719	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-Oc65719	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-Oc65719	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-Oc65719	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-Oc65723	CP	%	2.8	2.0	34	30%	Fail	Q15
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-Oc65724	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-Oc65724	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-Oc65724	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-Oc65724	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-Oc65724	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-Oc65724	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-Oc65724	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Endrin ketone	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-Oc65724	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-Oc65724	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-Oc65724	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-Oc65724	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-Oc65724	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.3-Dichlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-Oc65724	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dinitrophenol	S21-Oc65724	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-Oc65724	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-Oc65724	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-Oc65724	CP	mg/kg	< 2.5	< 2.5	<1	30%	Pass	
a-HCH	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-Oc65724	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endosulfan sulphate	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-Oc65724	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-Oc65724	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-Oc65726	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-Oc65726	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-Oc65726	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-Oc65726	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-Oc65726	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-Oc65726	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-Oc65729	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-Oc65729	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-Oc65729	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-Oc65729	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-Oc65731	CP	mg/kg	4.9	4.9	1.0	30%	Pass	
Cadmium	S21-Oc65731	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-Oc65731	CP	mg/kg	11	11	3.0	30%	Pass	
Copper	S21-Oc65731	CP	mg/kg	13	13	1.0	30%	Pass	
Lead	S21-Oc65731	CP	mg/kg	7.9	8.1	3.0	30%	Pass	
Mercury	S21-Oc65731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-Oc65731	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S21-Oc65731	CP	mg/kg	18	19	3.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-Oc65733	CP	%	12	12	2.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-Oc65736	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-Oc65736	CP	mg/kg	< 20	< 20	<1	30%	Pass	

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Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-Oc65736	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-Oc65736	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-Oc65736	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-Oc65736	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-Oc65736	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-Oc65736	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-Oc65736	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-Oc65741	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-Oc65741	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-Oc65741	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-Oc65741	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-Oc65744	CP	%	12	15	25	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-Oc65747	CP	mg/kg	16	13	21	30%	Pass	
Cadmium	S21-Oc65747	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-Oc65747	CP	mg/kg	31	28	10	30%	Pass	
Copper	S21-Oc65747	CP	mg/kg	22	18	21	30%	Pass	
Lead	S21-Oc65747	CP	mg/kg	29	22	24	30%	Pass	
Mercury	S21-Oc65747	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-Oc65747	CP	mg/kg	9.7	7.2	29	30%	Pass	
Zinc	S21-Oc65747	CP	mg/kg	37	27	30	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-Oc65749	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-Oc65749	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-Oc65749	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-Oc65749	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-Oc65749	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-Oc65749	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-Oc65749	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-Oc65749	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Chlorobenzene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-Oc65749	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-Oc65751	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-Oc65751	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-Oc65751	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-Oc65751	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-Oc65754	CP	%	18	16	13	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-Oc65760	CP	mg/kg	8.3	11	32	30%	Fail	Q15
Cadmium	S21-Oc65760	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-Oc65760	CP	mg/kg	14	15	8.0	30%	Pass	
Copper	S21-Oc65760	CP	mg/kg	22	24	9.0	30%	Pass	
Lead	S21-Oc65760	CP	mg/kg	11	15	30	30%	Pass	
Mercury	S21-Oc65760	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-Oc65760	CP	mg/kg	8.4	12	34	30%	Fail	Q15
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-Oc65763	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-Oc65763	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-Oc65763	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-Oc65763	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-Oc65763	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-Oc65763	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Benzo(k)fluoranthene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-Oc65763	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-Oc65763	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-Oc65763	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Merphos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-Oc65763	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-Oc65763	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-Oc65763	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-Oc65763	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-Oc65763	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-Oc65763	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-Oc65763	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
4.4'-DDE	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-Oc65763	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-Oc65763	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-Oc65763	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Phenol	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-Oc65763	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-Oc65763	CP	mg/kg	7.1	7.3	3.0	30%	Pass	
Cadmium	S21-Oc65763	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-Oc65763	CP	mg/kg	23	24	2.0	30%	Pass	
Copper	S21-Oc65763	CP	mg/kg	31	31	<1	30%	Pass	
Lead	S21-Oc65763	CP	mg/kg	16	17	4.0	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Mercury	S21-Oc65763	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-Oc65763	CP	mg/kg	6.1	6.5	6.0	30%	Pass	
Zinc	S21-Oc65763	CP	mg/kg	29	31	7.0	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
Andrew Sullivan	Senior Analyst-PFAS (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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ERM Sydney
Level 15, 309 Kent St
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NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **836571-W-V2**
Project name WPCA BCC
Project ID 0571466
Received Date Oct 27, 2021

Client Sample ID			**AI_TRIP SPIKE**	**AI_TRIP BLANK**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S21-Oc65766**	**S21-Oc65767**
Date Sampled			**Oct 27, 2021**	**Oct 27, 2021**
Test/Reference	LOR	Unit		
BTEX				
Benzene	1	%	120	-
Ethylbenzene	1	%	110	-
m&p-Xylenes	1	%	110	-
o-Xylene	1	%	100	-
Toluene	1	%	110	-
Xylenes - Total	1	%	100	-
4-Bromofluorobenzene (surr.)	1	%	113	-
BTEX				
Benzene	0.001	mg/L	-	< 0.001
Toluene	0.001	mg/L	-	< 0.001
Ethylbenzene	0.001	mg/L	-	< 0.001
m&p-Xylenes	0.002	mg/L	-	< 0.002
o-Xylene	0.001	mg/L	-	< 0.001
Xylenes - Total*	0.003	mg/L	-	< 0.003
4-Bromofluorobenzene (surr.)	1	%	-	129

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Nov 10, 2021	14 Days

- Method: LTM-ORG-2010 TRH C6-C40

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Company Name: ERM Sydney
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Project Name: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 836571
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_1B_TP27_0.4	Oct 27, 2021		Soil	S21-No01138			X						
2	AI_TP159_0.3	Oct 27, 2021		Soil	S21-No01139			X						
3	AI_1B_20211027_T04	Oct 27, 2021		Soil	S21-No24643			X						
4	AI_1B_TP20_0.1	Oct 27, 2021		Soil	S21-Oc65708	X				X	X	X	X	
5	AI_1B_TP20_0.4	Oct 27, 2021		Soil	S21-Oc65709					X	X	X	X	
6	AI_1B_TP15_0.1	Oct 27, 2021		Soil	S21-Oc65710	X				X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
7	AI_1B_TP15_0.4	Oct 27, 2021		Soil	S21-Oc65711					X	X	X	X	
8	AI_1B_TP16_0.1	Oct 27, 2021		Soil	S21-Oc65712	X				X	X	X	X	
9	AI_1B_TP16_0.4	Oct 27, 2021		Soil	S21-Oc65713					X	X	X	X	
10	AI_1B_TP17_0.1	Oct 27, 2021		Soil	S21-Oc65714	X				X	X	X	X	
11	AI_1B_TP17_0.4	Oct 27, 2021		Soil	S21-Oc65715					X	X	X	X	
12	AI_1B_TP18_0.1	Oct 27, 2021		Soil	S21-Oc65716	X				X	X	X	X	
13	AI_1B_TP18_	Oct 27, 2021		Soil	S21-Oc65717					X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
13	AI_1B_TP18_0.4	Oct 27, 2021		Soil	S21-Oc65717									
14	AI_1B_TP12_0.1	Oct 27, 2021		Soil	S21-Oc65718	X				X	X	X	X	
15	AI_1B_TP12_0.3	Oct 27, 2021		Soil	S21-Oc65719					X	X	X	X	
16	AI_1B_TP11_0.1	Oct 27, 2021		Soil	S21-Oc65720	X				X	X	X	X	
17	AI_1B_TP11_0.3	Oct 27, 2021		Soil	S21-Oc65721					X	X	X	X	
18	AI_1B_TP10_0.1	Oct 27, 2021		Soil	S21-Oc65722	X				X	X	X	X	
19	AI_1B_TP10_	Oct 27, 2021		Soil	S21-Oc65723					X	X	X	X	

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Priority: 5 Day
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Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.3													
20	AI_1B_TP09_0.1	Oct 27, 2021		Soil	S21-Oc65724	X				X	X	X	X	
21	AI_1B_TP09_0.3	Oct 27, 2021		Soil	S21-Oc65725					X	X	X	X	
22	AI_1B_TP13_0.1	Oct 27, 2021		Soil	S21-Oc65726	X				X	X	X	X	
23	AI_1B_TP13_0.3	Oct 27, 2021		Soil	S21-Oc65727					X	X	X	X	
24	AI_1B_TP06_0.1	Oct 27, 2021		Soil	S21-Oc65728	X				X	X	X	X	
25	AI_1B_TP06_0.3	Oct 27, 2021		Soil	S21-Oc65729					X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
26	AI_1B_TP04_0.1	Oct 27, 2021		Soil	S21-Oc65730	X				X	X	X	X	
27	AI_1B_TP04_0.3	Oct 27, 2021		Soil	S21-Oc65731					X	X	X	X	
28	AI_1B_TP03_0.1	Oct 27, 2021		Soil	S21-Oc65732	X				X	X	X	X	
29	AI_1B_TP03_0.3	Oct 27, 2021		Soil	S21-Oc65733					X	X	X	X	
30	AI_1B_TP02_0.1	Oct 27, 2021		Soil	S21-Oc65734	X				X	X	X	X	
31	AI_1B_TP02_0.3	Oct 27, 2021		Soil	S21-Oc65735					X	X	X	X	
32	AI_1B_TP05_	Oct 27, 2021		Soil	S21-Oc65736	X				X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
	0.1													
33	AI_1B_TP05_0.3	Oct 27, 2021		Soil	S21-Oc65737					X	X	X	X	
34	AI_TP159_0.1	Oct 27, 2021		Soil	S21-Oc65738		X							
35	AI_TP164_0.1	Oct 27, 2021		Soil	S21-Oc65739	X				X	X	X	X	
36	AI_TP164_0.4	Oct 27, 2021		Soil	S21-Oc65740					X	X	X	X	
37	AI_TP169_0.1	Oct 27, 2021		Soil	S21-Oc65741	X				X	X	X	X	
38	AI_TP169_0.3	Oct 27, 2021		Soil	S21-Oc65742					X	X	X	X	
39	AI_TP168_0.1	Oct 27, 2021		Soil	S21-Oc65743	X				X	X	X	X	
40	AI_TP168_0.3	Oct 27, 2021		Soil	S21-Oc65744					X	X	X	X	
41	AI_TP163_0.1	Oct 27, 2021		Soil	S21-Oc65745	X				X	X	X	X	

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Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
42	AI_TP163_0.3	Oct 27, 2021		Soil	S21-Oc65746					X	X	X	X	
43	AI_TP158_0.1	Oct 27, 2021		Soil	S21-Oc65747	X				X	X	X	X	
44	AI_TP158_0.3	Oct 27, 2021		Soil	S21-Oc65748					X	X	X	X	
45	AI_TP167_0.1	Oct 27, 2021		Soil	S21-Oc65749	X				X	X	X	X	
46	AI_TP167_0.3	Oct 27, 2021		Soil	S21-Oc65750					X	X	X	X	
47	AI_TP171_0.1	Oct 27, 2021		Soil	S21-Oc65751	X				X	X	X	X	
48	AI_TP171_0.3	Oct 27, 2021		Soil	S21-Oc65752					X	X	X	X	
49	AI_TP172_0.1	Oct 27, 2021		Soil	S21-Oc65753	X				X	X	X	X	
50	AI_TP172_0.3	Oct 27, 2021		Soil	S21-Oc65754					X	X	X	X	
51	AI_TP170_0.1	Oct 27, 2021		Soil	S21-Oc65755	X				X	X	X	X	
52	AI_TP170_0.3	Oct 27, 2021		Soil	S21-Oc65756					X	X	X	X	

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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ABN: 50 005 085 521

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NATA # 1261 Site # 1254

Sydney
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16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
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Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

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Penrose, Auckland 1061
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IANZ # 1327

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43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 836571
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
53	AI_TP165_0.1	Oct 27, 2021		Soil	S21-Oc65757	X				X	X	X	X	
54	AI_TP165_0.3	Oct 27, 2021		Soil	S21-Oc65758					X	X	X	X	
55	AI_TP166_0.1	Oct 27, 2021		Soil	S21-Oc65759	X				X	X	X	X	
56	AI_TP166_0.3	Oct 27, 2021		Soil	S21-Oc65760					X	X	X	X	
57	AI_TP160_0.3	Oct 27, 2021		Soil	S21-Oc65761					X	X	X	X	
58	AI_1B_20211027_D01	Oct 27, 2021		Soil	S21-Oc65762					X	X	X	X	
59	AI_1B_20211027_D02	Oct 27, 2021		Soil	S21-Oc65763					X	X	X	X	
60	AI_1B_20211027_D03	Oct 27, 2021		Soil	S21-Oc65764		X							
61	AI_1B_202110	Oct 27, 2021		Soil	S21-Oc65765		X							

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Penrose, Auckland 1061
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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 836571
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Oct 27, 2021 2:55 PM
Due: Nov 3, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794														
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
61	AI_1B_20211027_D04	Oct 27, 2021		Soil	S21-Oc65765									
62	AI_TRIP SPIKE	Oct 27, 2021		Water	S21-Oc65766									X
63	AI_TRIP BLANK	Oct 27, 2021		Water	S21-Oc65767				X					
Test Counts						26	3	3	1	55	55	55	54	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	97			70-130	Pass	
Toluene	%	104			70-130	Pass	
Ethylbenzene	%	109			70-130	Pass	
m&p-Xylenes	%	114			70-130	Pass	
o-Xylene	%	111			70-130	Pass	
Xylenes - Total*	%	113			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-Oc57165	NCP	%	91			70-130	Pass	
Toluene	S21-Oc57165	NCP	%	88			70-130	Pass	
Ethylbenzene	S21-Oc57165	NCP	%	89			70-130	Pass	
m&p-Xylenes	S21-Oc57165	NCP	%	88			70-130	Pass	
o-Xylene	S21-Oc57165	NCP	%	90			70-130	Pass	
Xylenes - Total*	S21-Oc57165	NCP	%	89			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No03037	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S21-No03037	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S21-No03037	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S21-No03037	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S21-No03037	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S21-No03037	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

John Nguyen	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

32

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Containers Change container type & size if necessary.

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

Analyses: Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP161_0.05			X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP161_0.3				X									**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP162_0.1			X										
4	TP162_0.3				X									
5	TP156_0.1			X										
6	1P156_0.3				X									
7	TP157_0.1			X										
8	TP157_0.3				X									
9	TP155_0.1			X										
10	TP155_0.3				X									
	Total Counts			5	5									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal | Name: JACK EMBLEN | Signature: | Date: 44498 | Time: 900

Laboratory Use Only

Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report №

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory**
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory**
Unit 1 21 Smallwood Place Murarrie QLD 4172
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☐ **Perth Laboratory**
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory**
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP154_0.1			X										
12	TP154_0.3				X									
13	TP153_0.1			X										
14	TP320_0.3				X									
15	TP319_0.1			X										
16	TP319_0.3				X									
17	TP318_0.1			X										
18	TP318_0.3				X									
19	TP317_0.1			X										
20														
	Total Counts			5	4									

Method of Shipment ☐ Courier (#) ☐ Hand Delivered ☐ Postal Name Signature Date Time

Laboratory Use Only								
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report №	

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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Unit 2 81 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
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Purchase Order					
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Sampler(s)	Jack Emblen
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Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are required please specify "Total" or "Filtered". SUITE codes must be listed to attract SUITE pricing

Containers — Change container type & size if necessary

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

*Surcharge will apply
- ☐ Overnight (reporting by 9am)*
- ☐ Same day ◆
- ☐ 1 day ◆
- ☐ 2 days ◆
- ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Soil (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments /Dangerous Goods Hazard Warning
21	TP317_0.3				X										
22	TP316_0.1			X											
23	TP316_0.3				X										
24	TP307_0.1			X											
25	TP307_0.3				X										
26	TP308_0.1			X											
27	TP308_0.3				X										
28	TP309_0.1			X											
29	TP309_0.3				X										
30	TP310_0.1			X											
	TP311_0.1			X											
	TP311_0.3				X										
	TP312_0.1			X											
	TP312_0.3				X										
	TP313_0.1			X											
	TP313_0.3				X										
	TP314_0.1			X											
	TP314_0.3				X										
	TP306_0.1			X											
	TP306_0.3				X										
	TP304_0.1			X											
	TP304_0.3				X										
	TP301_0.1			X											
	TP301_0.3				X										
	TP302_0.1			X											
	TP302_0.3				X										
	TP301_0.1			X											
	TP301_0.3				X										
	TP300_0.1			X											
	TP_300_0.3				X										
	TP299_0.1			X											
	TP299_0.3				X										
	TP290_0.1			X											
	TP290_0.3				X										

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| | | |

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

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Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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Christchurch
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Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Jack Emblen
Project name:	BRADFIELD CITY CENTRE
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 1, 2021 5:12 PM
Eurofins reference	837639

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✗	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✗	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Sample TP155_0.3, 20211028_D02 received as PFAS only, please advise if all analysis is to be done from this container. Samples 21-No07890 - 21-No07919 received with asbestos bags instead of PFAS containers. Please confirm if PFAS is to be tested from these bags. Sample TP301_0.1 is present on the COC twice. Samples TP303_0.1, TP303_0.3, TP305_0.1, TP305_0.3, TP315_0.1, TP315_0.3, TP310_0.3 and TP153_0.3 received not on COC, logged on hold. Received two jars labelled TP154_0.3, which are different colours from each other.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Jack Emblen - jack.emblen@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 837639
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 1, 2021 5:12 PM
Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail	Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217	X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794								X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID									
1	AI_TP161_0.05	Not Provided		Soil	S21-No07857	X				X	X	X		X	
2	AI_TP161_0.3	Not Provided		Soil	S21-No07858					X	X	X		X	
3	AI_TP162_0.1	Not Provided		Soil	S21-No07859	X				X	X	X		X	
4	AI_TP162_0.3	Not Provided		Soil	S21-No07860					X	X	X		X	
5	AI_TP156_0.1	Not Provided		Soil	S21-No07861	X				X	X	X		X	
6	AI_1P156_0.3	Not Provided		Soil	S21-No07862					X	X	X		X	
7	AI_TP157_0.1	Not Provided		Soil	S21-No07863	X				X	X	X		X	
8	AI_TP157_0.3	Not Provided		Soil	S21-No07864					X	X	X		X	

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
9	AI_TP155_0.1	Not Provided		Soil	S21-No07865	X				X	X	X		X	
10	AI_TP155_0.3	Not Provided		Soil	S21-No07866					X	X	X		X	
11	AI_TP154_0.1	Not Provided		Soil	S21-No07867	X				X	X	X		X	
12	AI_TP154_0.3	Not Provided		Soil	S21-No07868					X	X	X	X		
13	AI_TP153_0.1	Not Provided		Soil	S21-No07869	X				X	X	X		X	
14	AI_TP320_0.3	Not Provided		Soil	S21-No07870					X	X	X		X	
15	AI_TP319_0.1	Not Provided		Soil	S21-No07871	X				X	X	X		X	
16	AI_TP319_0.3	Not Provided		Soil	S21-No07872					X	X	X		X	
17	AI_TP318_0.1	Not Provided		Soil	S21-No07873	X				X	X	X		X	
18	AI_TP318_0.3	Not Provided		Soil	S21-No07874					X	X	X		X	
19	AI_TP317_0.1	Not Provided		Soil	S21-No07875	X				X	X	X		X	

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
20	AI_TP317_0.3	Not Provided		Soil	S21-No07876					X	X	X		X	
21	AI_TP316_0.1	Not Provided		Soil	S21-No07877	X				X	X	X		X	
22	AI_TP316_0.3	Not Provided		Soil	S21-No07878					X	X	X		X	
23	AI_TP307_0.1	Not Provided		Soil	S21-No07879	X				X	X	X		X	
24	AI_TP307_0.3	Not Provided		Soil	S21-No07880					X	X	X		X	
25	AI_TP308_0.1	Not Provided		Soil	S21-No07881	X				X	X	X		X	
26	AI_TP308_0.3	Not Provided		Soil	S21-No07882					X	X	X		X	
27	AI_TP309_0.1	Not Provided		Soil	S21-No07883	X				X	X	X		X	
28	AI_TP309_0.3	Not Provided		Soil	S21-No07884						X	X	X		
29	AI_TP310_0.1	Not Provided		Soil	S21-No07885	X				X	X	X	X		
30	AI_TP311_0.1	Not Provided		Soil	S21-No07886	X				X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
31	AI_TP311_0.3	Not Provided		Soil	S21-No07887					X	X	X	X		
32	AI_TP312_0.1	Not Provided		Soil	S21-No07888	X				X	X	X	X		
33	AI_TP312_0.3	Not Provided		Soil	S21-No07889					X	X	X	X		
34	AI_TP313_0.1	Not Provided		Soil	S21-No07890	X				X	X	X	X		
35	AI_TP313_0.3	Not Provided		Soil	S21-No07891					X	X	X	X		
36	AI_TP314_0.1	Not Provided		Soil	S21-No07892	X				X	X	X	X		
37	AI_TP314_0.3	Not Provided		Soil	S21-No07893					X	X	X	X		
38	AI_TP306_0.1	Not Provided		Soil	S21-No07894	X				X	X	X	X		
39	AI_TP306_0.3	Not Provided		Soil	S21-No07895					X	X	X	X		
40	AI_TP304_0.1	Not Provided		Soil	S21-No07896	X				X	X	X	X		
41	AI_TP304_0.3	Not Provided		Soil	S21-No07897					X	X	X	X		

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
42	AI_TP301_0.1	Not Provided		Soil	S21-No07898	X				X	X	X	X		
43	AI_TP301_0.3	Not Provided		Soil	S21-No07899					X	X	X	X		
44	AI_TP302_0.1	Not Provided		Soil	S21-No07900	X				X	X	X	X		
45	AI_TP302_0.3	Not Provided		Soil	S21-No07901					X	X	X	X		
46	AI_TP301_0.1	Not Provided		Soil	S21-No07902		X								
47	AI_TP301_0.3	Not Provided		Soil	S21-No07903		X								
48	AI_TP300_0.1	Not Provided		Soil	S21-No07904	X				X	X	X	X		
49	AI_TP_300_0.3	Not Provided		Soil	S21-No07905					X	X	X	X		
50	AI_TP299_0.1	Not Provided		Soil	S21-No07906	X				X	X	X	X		
51	AI_TP299_0.3	Not Provided		Soil	S21-No07907					X	X	X	X		

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
52	AI_TP290_0.1	Not Provided		Soil	S21-No07908	X				X	X	X	X		
53	AI_TP290_0.3	Not Provided		Soil	S21-No07909					X	X	X	X		
54	AI_TP291_0.1	Not Provided		Soil	S21-No07910	X				X	X	X	X		
55	AI_TP291_0.3	Not Provided		Soil	S21-No07911					X	X	X	X		
56	AI_TP292_0.1	Not Provided		Soil	S21-No07912	X				X	X	X	X		
57	TP292_0.3	Not Provided		Soil	S21-No07913					X	X	X	X		
58	AI_TP293_0.1	Not Provided		Soil	S21-No07914	X				X	X	X	X		
59	AI_TP293_0.3	Not Provided		Soil	S21-No07915					X	X	X	X		
60	AI_TP294_0.1	Not Provided		Soil	S21-No07916	X				X	X	X	X		
61	AI_TP294_0.3	Not Provided		Soil	S21-No07917					X	X	X	X		
62	AI_TP295_0.1	Not Provided		Soil	S21-No07918	X				X	X	X	X		

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IANZ # 1290

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NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 837639
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 1, 2021 5:12 PM
Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
63	AI_TP295_0.3	Not Provided		Soil	S21-No07919					X	X	X	X		
64	AI_TRIP SPIKE	Not Provided		Water	S21-No07920										X
65	AI_TRIP BLANK	Not Provided		Water	S21-No07921				X						
66	AI_20211028_D01	Not Provided		Soil	S21-No07922					X	X	X	X		
67	AI_20211028_D02	Not Provided		Soil	S21-No07923					X			X		
68	AI_TP303_0.1	Not Provided		Soil	S21-No22626			X							
69	AI_TP303_0.3	Not Provided		Soil	S21-No22627			X							
70	AI_TP305_0.1	Not Provided		Soil	S21-No22628			X							

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
71	AI_TP305_0.3	Not Provided		Soil	S21-No22629			X							
72	AI_TP315_0.1	Not Provided		Soil	S21-No22630			X							
73	AI_TP315_0.3	Not Provided		Soil	S21-No22631			X							
74	AI_TP310_0.3	Not Provided		Soil	S21-No22632			X							
75	AI_TP153_0.3	Not Provided		Soil	S21-No22633			X							
76	AI_TP154_0.3 DUP	Not Provided		Soil	S21-No27231			X							
Test Counts						31	2	9	1	62	62	62	63	63	1

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
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NSW 2000

Attention:	Jack Emblen
Report	837639-AID-V2
Project Name	BRADFIELD CITY CENTRE
Project ID	0571466
Received Date	Nov 01, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name BRADFIELD CITY CENTRE
Project ID 0571466
Date Sampled
Report 837639-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP161_0.05	21-No07857	not provided	Approximate Sample 448g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP162_0.1	21-No07859	not provided	Approximate Sample 669g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP156_0.1	21-No07861	not provided	Approximate Sample 473g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP157_0.1	21-No07863	not provided	Approximate Sample 535g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP155_0.1	21-No07865	not provided	Approximate Sample 502g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP154_0.1	21-No07867	not provided	Approximate Sample 548g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP153_0.1	21-No07869	not provided	Approximate Sample 760g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP319_0.1	21-No07871	not provided	Approximate Sample 626g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP318_0.1	21-No07873	not provided	Approximate Sample 630g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP317_0.1	21-No07875	not provided	Approximate Sample 485g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP316_0.1	21-No07877	not provided	Approximate Sample 512g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP307_0.1	21-No07879	not provided	Approximate Sample 678g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP308_0.1	21-No07881	not provided	Approximate Sample 596g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP309_0.1	21-No07883	not provided	Approximate Sample 567g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP310_0.1	21-No07885	not provided	Approximate Sample 648g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP311_0.1	21-No07886	not provided	Approximate Sample 641g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP312_0.1	21-No07888	not provided	Approximate Sample 620g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP313_0.1	21-No07890	not provided	Approximate Sample 560g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP314_0.1	21-No07892	not provided	Approximate Sample 618g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP306_0.1	21-No07894	not provided	Approximate Sample 767g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP304_0.1	21-No07896	not provided	Approximate Sample 673g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP301_0.1	21-No07898	not provided	Approximate Sample 620g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP302_0.1	21-No07900	not provided	Approximate Sample 527g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP300_0.1	21-No07904	not provided	Approximate Sample 528g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP299_0.1	21-No07906	not provided	Approximate Sample 653g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP290_0.1	21-No07908	not provided	Approximate Sample 534g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP291_0.1	21-No07910	not provided	Approximate Sample 478g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP292_0.1	21-No07912	not provided	Approximate Sample 521g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP293_0.1	21-No07914	not provided	Approximate Sample 540g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP294_0.1	21-No07916	not provided	Approximate Sample 488g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP295_0.1	21-No07918	not provided	Approximate Sample 595g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 03, 2021	Indefinite

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP161_0.05	Not Provided		Soil	S21-No07857	X				X	X	X		X	
2	AI_TP161_0.3	Not Provided		Soil	S21-No07858					X	X	X		X	
3	AI_TP162_0.1	Not Provided		Soil	S21-No07859	X				X	X	X		X	
4	AI_TP162_0.3	Not Provided		Soil	S21-No07860					X	X	X		X	
5	AI_TP156_0.1	Not Provided		Soil	S21-No07861	X				X	X	X		X	
6	AI_1P156_0.3	Not Provided		Soil	S21-No07862					X	X	X		X	
7	AI_TP157_0.1	Not Provided		Soil	S21-No07863	X				X	X	X		X	
8	AI_TP157_0.3	Not Provided		Soil	S21-No07864					X	X	X		X	

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
9	AI_TP155_0.1	Not Provided		Soil	S21-No07865	X				X	X	X		X	
10	AI_TP155_0.3	Not Provided		Soil	S21-No07866					X	X	X		X	
11	AI_TP154_0.1	Not Provided		Soil	S21-No07867	X				X	X	X		X	
12	AI_TP154_0.3	Not Provided		Soil	S21-No07868					X	X	X	X		
13	AI_TP153_0.1	Not Provided		Soil	S21-No07869	X				X	X	X		X	
14	AI_TP320_0.3	Not Provided		Soil	S21-No07870					X	X	X		X	
15	AI_TP319_0.1	Not Provided		Soil	S21-No07871	X				X	X	X		X	
16	AI_TP319_0.3	Not Provided		Soil	S21-No07872					X	X	X		X	
17	AI_TP318_0.1	Not Provided		Soil	S21-No07873	X				X	X	X		X	
18	AI_TP318_0.3	Not Provided		Soil	S21-No07874					X	X	X		X	
19	AI_TP317_0.1	Not Provided		Soil	S21-No07875	X				X	X	X		X	

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
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Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
20	AI_TP317_0.3	Not Provided		Soil	S21-No07876					X	X	X		X	
21	AI_TP316_0.1	Not Provided		Soil	S21-No07877	X				X	X	X		X	
22	AI_TP316_0.3	Not Provided		Soil	S21-No07878					X	X	X		X	
23	AI_TP307_0.1	Not Provided		Soil	S21-No07879	X				X	X	X		X	
24	AI_TP307_0.3	Not Provided		Soil	S21-No07880					X	X	X		X	
25	AI_TP308_0.1	Not Provided		Soil	S21-No07881	X				X	X	X		X	
26	AI_TP308_0.3	Not Provided		Soil	S21-No07882					X	X	X		X	
27	AI_TP309_0.1	Not Provided		Soil	S21-No07883	X				X	X	X		X	
28	AI_TP309_0.3	Not Provided		Soil	S21-No07884						X	X	X		
29	AI_TP310_0.1	Not Provided		Soil	S21-No07885	X				X	X	X	X		
30	AI_TP311_0.1	Not Provided		Soil	S21-No07886	X				X	X	X	X		

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Project ID: 0571466

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Fax: 02 8584 8800

Received: Nov 1, 2021 5:12 PM
Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
31	AI_TP311_0.3	Not Provided		Soil	S21-No07887					X	X	X	X		
32	AI_TP312_0.1	Not Provided		Soil	S21-No07888	X				X	X	X	X		
33	AI_TP312_0.3	Not Provided		Soil	S21-No07889					X	X	X	X		
34	AI_TP313_0.1	Not Provided		Soil	S21-No07890	X				X	X	X	X		
35	AI_TP313_0.3	Not Provided		Soil	S21-No07891					X	X	X	X		
36	AI_TP314_0.1	Not Provided		Soil	S21-No07892	X				X	X	X	X		
37	AI_TP314_0.3	Not Provided		Soil	S21-No07893					X	X	X	X		
38	AI_TP306_0.1	Not Provided		Soil	S21-No07894	X				X	X	X	X		
39	AI_TP306_0.3	Not Provided		Soil	S21-No07895					X	X	X	X		
40	AI_TP304_0.1	Not Provided		Soil	S21-No07896	X				X	X	X	X		
41	AI_TP304_0.3	Not Provided		Soil	S21-No07897					X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
42	AI_TP301_0.1	Not Provided		Soil	S21-No07898	X				X	X	X	X		
43	AI_TP301_0.3	Not Provided		Soil	S21-No07899					X	X	X	X		
44	AI_TP302_0.1	Not Provided		Soil	S21-No07900	X				X	X	X	X		
45	AI_TP302_0.3	Not Provided		Soil	S21-No07901					X	X	X	X		
46	AI_TP301_0.1	Not Provided		Soil	S21-No07902		X								
47	AI_TP301_0.3	Not Provided		Soil	S21-No07903		X								
48	AI_TP300_0.1	Not Provided		Soil	S21-No07904	X				X	X	X	X		
49	AI_TP_300_0.3	Not Provided		Soil	S21-No07905					X	X	X	X		
50	AI_TP299_0.1	Not Provided		Soil	S21-No07906	X				X	X	X	X		
51	AI_TP299_0.3	Not Provided		Soil	S21-No07907					X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
52	AI_TP290_0.1	Not Provided		Soil	S21-No07908	X				X	X	X	X		
53	AI_TP290_0.3	Not Provided		Soil	S21-No07909					X	X	X	X		
54	AI_TP291_0.1	Not Provided		Soil	S21-No07910	X				X	X	X	X		
55	AI_TP291_0.3	Not Provided		Soil	S21-No07911					X	X	X	X		
56	AI_TP292_0.1	Not Provided		Soil	S21-No07912	X				X	X	X	X		
57	TP292_0.3	Not Provided		Soil	S21-No07913					X	X	X	X		
58	AI_TP293_0.1	Not Provided		Soil	S21-No07914	X				X	X	X	X		
59	AI_TP293_0.3	Not Provided		Soil	S21-No07915					X	X	X	X		
60	AI_TP294_0.1	Not Provided		Soil	S21-No07916	X				X	X	X	X		
61	AI_TP294_0.3	Not Provided		Soil	S21-No07917					X	X	X	X		
62	AI_TP295_0.1	Not Provided		Soil	S21-No07918	X				X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
63	AI_TP295_0.3	Not Provided		Soil	S21-No07919					X	X	X	X		
64	AI_TRIP SPIKE	Not Provided		Water	S21-No07920										X
65	AI_TRIP BLANK	Not Provided		Water	S21-No07921				X						
66	AI_20211028_D01	Not Provided		Soil	S21-No07922					X	X	X	X		
67	AI_20211028_D02	Not Provided		Soil	S21-No07923					X			X		
68	AI_TP303_0.1	Not Provided		Soil	S21-No22626			X							
69	AI_TP303_0.3	Not Provided		Soil	S21-No22627			X							
70	AI_TP305_0.1	Not Provided		Soil	S21-No22628			X							

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
71	AI_TP305_0.3	Not Provided		Soil	S21-No22629			X							
72	AI_TP315_0.1	Not Provided		Soil	S21-No22630			X							
73	AI_TP315_0.3	Not Provided		Soil	S21-No22631			X							
74	AI_TP310_0.3	Not Provided		Soil	S21-No22632			X							
75	AI_TP153_0.3	Not Provided		Soil	S21-No22633			X							
76	AI_TP154_0.3 DUP	Not Provided		Soil	S21-No27231			X							
Test Counts						31	2	9	1	62	62	62	63	63	1

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

No07857, No07861, No07875, No07910, No07916: Samples received were less than the nominal 500mL as recommended in Section 4.10 of the NEPM Schedule B1 - Guideline on Investigation Levels for Soil and Groundwater.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Jack Emblen**

Report **837639-S-V2**
Project name BRADFIELD CITY CENTRE
Project ID 0571466
Received Date Nov 01, 2021

Client Sample ID			AI_TP161_0.05	AI_TP161_0.3	AI_TP162_0.1	AI_TP162_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	108	107	94	106
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP161_0.05	AI_TP161_0.3	AI_TP162_0.1	AI_TP162_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	108	107	94	106
Toluene-d8 (surr.)	1	%	93	82	76	85
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	91	118	107	113
p-Terphenyl-d14 (surr.)	1	%	90	113	103	110
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	90	116	98	99
Tetrachloro-m-xylene (surr.)	1	%	88	113	104	110

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Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	105	133	117	123
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	91	118	107	113
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	101	142	124	129
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP161_0.05	AI_TP161_0.3	AI_TP162_0.1	AI_TP162_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	124	INT	142	149
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	104	127	116	119
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP161_0.05	AI_TP161_0.3	AI_TP162_0.1	AI_TP162_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	7.9	5.2	11	9.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	20	30	26
Copper	5	mg/kg	24	33	18	23
Lead	5	mg/kg	25	19	28	24
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	17	12	14	9.9
Zinc	5	mg/kg	50	48	37	34
% Moisture	1	%	14	14	19	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	88	85	82	82
13C5-PFPeA (surr.)	1	%	101	101	98	103
13C5-PFHxA (surr.)	1	%	93	91	89	88
13C4-PFHpA (surr.)	1	%	89	87	85	82
13C8-PFOA (surr.)	1	%	87	89	83	86
13C5-PFNA (surr.)	1	%	86	86	88	83
13C6-PFDA (surr.)	1	%	86	87	89	80
13C2-PFUnDA (surr.)	1	%	81	93	95	83
13C2-PFDoDA (surr.)	1	%	84	95	95	85
13C2-PFTeDA (surr.)	1	%	78	88	94	87
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	63	80	83	83
D3-N-MeFOSA (surr.)	1	%	58	76	76	78
D5-N-EtFOSA (surr.)	1	%	59	79	76	82
D7-N-MeFOSE (surr.)	1	%	57	73	77	80
D9-N-EtFOSE (surr.)	1	%	58	77	80	81
D5-N-EtFOSAA (surr.)	1	%	124	91	103	64
D3-N-MeFOSAA (surr.)	1	%	108	85	88	57

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Client Sample ID			AI_TP161_0.05	AI_TP161_0.3	AI_TP162_0.1	AI_TP162_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07857	S21-No07858	S21-No07859	S21-No07860
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	98	97	90	92
18O2-PFHxS (surr.)	1	%	91	90	86	86
13C8-PFOS (surr.)	1	%	88	93	89	89
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	161	97	97	86
13C2-6:2 FTSA (surr.)	1	%	171	90	87	77
13C2-8:2 FTSA (surr.)	1	%	198	111	119	102
13C2-10:2 FTSA (surr.)	1	%	INT	96	120	90
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	89	106	90	83
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	89	106	90	83
Toluene-d8 (surr.)	1	%	70	84	68	69
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	52	< 50	< 50
TRH C29-C36	50	mg/kg	76	60	120	< 50
TRH C10-C36 (Total)	50	mg/kg	76	112	120	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	120	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	120	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	107	107	131
p-Terphenyl-d14 (surr.)	1	%	103	105	103	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	107	109	110	103
Tetrachloro-m-xylene (surr.)	1	%	103	103	102	104
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	120	121	121	117
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	107	107	131
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	132	140	141	97
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	139	145	141	146
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	115	117	114	131
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.8	9.7	5.5	9.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	24	19	19	29
Copper	5	mg/kg	21	28	30	33
Lead	5	mg/kg	28	22	27	26
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	26	12	17	18
Zinc	5	mg/kg	77	50	69	67
% Moisture	1	%	14	17	18	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	77	79	83	89
13C5-PFPeA (surr.)	1	%	92	95	98	110
13C5-PFHxA (surr.)	1	%	85	80	87	96
13C4-PFHpA (surr.)	1	%	83	75	88	93
13C8-PFOA (surr.)	1	%	86	82	82	90
13C5-PFNA (surr.)	1	%	84	81	88	93
13C6-PFDA (surr.)	1	%	90	74	88	85

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	88	79	95	95
13C2-PFDoDA (surr.)	1	%	93	76	94	97
13C2-PFTeDA (surr.)	1	%	97	80	84	94
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	71	69	75	90
D3-N-MeFOSA (surr.)	1	%	66	71	69	82
D5-N-EtFOSA (surr.)	1	%	70	74	70	84
D7-N-MeFOSE (surr.)	1	%	68	72	68	80
D9-N-EtFOSE (surr.)	1	%	72	76	67	84
D5-N-EtFOSAA (surr.)	1	%	113	61	126	86
D3-N-MeFOSAA (surr.)	1	%	87	56	121	81
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	88	84	93	97
18O2-PFHxS (surr.)	1	%	89	81	89	95
13C8-PFOS (surr.)	1	%	86	79	88	102
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	108	78	106	101
13C2-6:2 FTSA (surr.)	1	%	94	78	105	87
13C2-8:2 FTSA (surr.)	1	%	143	90	149	116
13C2-10:2 FTSA (surr.)	1	%	120	78	173	89

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Client Sample ID			AI_TP156_0.1	AI_1P156_0.3	AI_TP157_0.1	AI_TP157_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07861	S21-No07862	S21-No07863	S21-No07864
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	77	72	89
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	77	72	89
Toluene-d8 (surr.)	1	%	77	66	54	85
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	60	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	130	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	190	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	150	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	150	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	126	136	114
p-Terphenyl-d14 (surr.)	1	%	94	115	118	119
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	55	97	107	72
Tetrachloro-m-xylene (surr.)	1	%	91	104	108	83

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Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	80	113	123	82
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	126	136	114
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	64	104	106	119
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	119	136	148	131
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	107	131	137	104
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	6.7	9.3	9.4	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	13	22	22	26
Copper	5	mg/kg	17	32	17	27
Lead	5	mg/kg	26	17	25	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	22	11	18
Zinc	5	mg/kg	52	70	31	49
% Moisture	1	%	12	13	19	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	82	85	79	108
13C5-PFPeA (surr.)	1	%	102	102	95	77
13C5-PFHxA (surr.)	1	%	90	93	83	122
13C4-PFHpA (surr.)	1	%	92	91	79	119
13C8-PFOA (surr.)	1	%	93	89	86	104
13C5-PFNA (surr.)	1	%	94	85	79	91
13C6-PFDA (surr.)	1	%	101	85	80	107
13C2-PFUnDA (surr.)	1	%	110	94	93	105
13C2-PFDoDA (surr.)	1	%	108	93	86	115
13C2-PFTeDA (surr.)	1	%	117	100	106	127
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	86	86	86	83
D3-N-MeFOSA (surr.)	1	%	81	84	75	106
D5-N-EtFOSA (surr.)	1	%	81	84	74	101
D7-N-MeFOSE (surr.)	1	%	78	80	73	117
D9-N-EtFOSE (surr.)	1	%	86	83	76	106
D5-N-EtFOSAA (surr.)	1	%	128	66	79	76
D3-N-MeFOSAA (surr.)	1	%	114	67	88	90

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Client Sample ID			AI_TP155_0.1	AI_TP155_0.3	AI_TP154_0.1	AI_TP154_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07865	S21-No07866	S21-No07867	S21-No07868
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	100	94	90	95
18O2-PFHxS (surr.)	1	%	96	93	89	96
13C8-PFOS (surr.)	1	%	101	97	90	118
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	125	96	90	88
13C2-6:2 FTSA (surr.)	1	%	117	81	86	96
13C2-8:2 FTSA (surr.)	1	%	159	109	103	114
13C2-10:2 FTSA (surr.)	1	%	165	94	93	136
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	88	77	82	78
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	88	77	82	78
Toluene-d8 (surr.)	1	%	73	58	67	63
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	120	122	129
p-Terphenyl-d14 (surr.)	1	%	104	110	111	116
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	93	101	93	96
Tetrachloro-m-xylene (surr.)	1	%	94	99	101	105
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	105	111	109	115
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	120	122	129
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	89	130	112	114
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	127	129	126	130
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	103	125	122	132
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.1	18	12	4.5
Cadmium	0.4	mg/kg	< 0.4	< 0.4	0.9	< 0.4
Chromium	5	mg/kg	21	19	21	18
Copper	5	mg/kg	20	23	19	18
Lead	5	mg/kg	28	18	20	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1
Nickel	5	mg/kg	13	11	10	6.7
Zinc	5	mg/kg	37	34	34	23
% Moisture	1	%	16	23	12	15
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	80	80	78	83
13C5-PFPeA (surr.)	1	%	100	97	89	98
13C5-PFHxA (surr.)	1	%	85	86	84	88
13C4-PFHpA (surr.)	1	%	83	80	76	81
13C8-PFOA (surr.)	1	%	86	83	79	86
13C5-PFNA (surr.)	1	%	87	82	80	87
13C6-PFDA (surr.)	1	%	90	81	78	85

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	98	83	97	97
13C2-PFDoDA (surr.)	1	%	103	83	89	88
13C2-PFTeDA (surr.)	1	%	103	87	78	86
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	82	80	76	84
D3-N-MeFOSA (surr.)	1	%	77	77	71	79
D5-N-EtFOSA (surr.)	1	%	78	79	75	79
D7-N-MeFOSE (surr.)	1	%	72	74	69	76
D9-N-EtFOSE (surr.)	1	%	77	76	72	79
D5-N-EtFOSAA (surr.)	1	%	112	72	87	70
D3-N-MeFOSAA (surr.)	1	%	110	79	97	87
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	100	86	86	91
18O2-PFHxS (surr.)	1	%	92	86	87	89
13C8-PFOS (surr.)	1	%	97	87	89	94
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	114	98	90	92
13C2-6:2 FTSA (surr.)	1	%	108	78	79	82
13C2-8:2 FTSA (surr.)	1	%	140	104	110	115
13C2-10:2 FTSA (surr.)	1	%	142	90	99	88

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Client Sample ID			AI_TP153_0.1	AI_TP320_0.3	AI_TP319_0.1	AI_TP319_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07869	S21-No07870	S21-No07871	S21-No07872
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	81	78	77	80
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	81	78	77	80
Toluene-d8 (surr.)	1	%	68	62	57	65
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	85	142	124	123
p-Terphenyl-d14 (surr.)	1	%	99	128	114	112
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	83	121	99	94
Tetrachloro-m-xylene (surr.)	1	%	90	114	102	101

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Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	96	134	112	114
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	85	142	124	123
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	97	139	114	116
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	66	143	121	126
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	86	141	105	113
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	8.8	4.7	18	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	26	19	25	23
Copper	5	mg/kg	26	24	14	17
Lead	5	mg/kg	28	15	25	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	8.5	8.8	8.7
Zinc	5	mg/kg	48	35	35	26
% Moisture	1	%	21	18	18	18
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	80	85	86	83
13C5-PFPeA (surr.)	1	%	98	104	105	96
13C5-PFHxA (surr.)	1	%	82	91	92	85
13C4-PFHpA (surr.)	1	%	82	90	87	81
13C8-PFOA (surr.)	1	%	86	91	91	82
13C5-PFNA (surr.)	1	%	84	90	91	85
13C6-PFDA (surr.)	1	%	81	86	88	82
13C2-PFUnDA (surr.)	1	%	90	91	93	88
13C2-PFDoDA (surr.)	1	%	91	101	93	83
13C2-PFTeDA (surr.)	1	%	87	86	89	83
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	81	86	85	76
D3-N-MeFOSA (surr.)	1	%	81	80	84	78
D5-N-EtFOSA (surr.)	1	%	80	81	83	79
D7-N-MeFOSE (surr.)	1	%	77	79	76	69
D9-N-EtFOSE (surr.)	1	%	75	80	80	75
D5-N-EtFOSAA (surr.)	1	%	90	86	87	83
D3-N-MeFOSAA (surr.)	1	%	96	82	93	81

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Client Sample ID			AI_TP318_0.1	AI_TP318_0.3	AI_TP317_0.1	AI_TP317_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07873	S21-No07874	S21-No07875	S21-No07876
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	91	101	99	91
18O2-PFHxS (surr.)	1	%	89	93	99	89
13C8-PFOS (surr.)	1	%	94	96	99	93
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	97	104	103	90
13C2-6:2 FTSA (surr.)	1	%	87	85	93	82
13C2-8:2 FTSA (surr.)	1	%	106	107	118	99
13C2-10:2 FTSA (surr.)	1	%	101	98	95	85
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	64	86	63	81
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	64	86	63	81
Toluene-d8 (surr.)	1	%	50	68	74	60
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	126	138	128	126
p-Terphenyl-d14 (surr.)	1	%	115	122	114	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	91	100	95	93
Tetrachloro-m-xylene (surr.)	1	%	104	110	105	104
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	109	113	109	113
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	126	138	128	126
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	91	124	114	107
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	123	136	126	123
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	115	141	123	123
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	23	21	10	9.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	28	34	27	29
Copper	5	mg/kg	21	26	30	25
Lead	5	mg/kg	36	25	24	23
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.9	15	12	9.5
Zinc	5	mg/kg	31	55	58	40
% Moisture	1	%	13	20	16	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	79	77	85	88
13C5-PFPeA (surr.)	1	%	96	96	101	108
13C5-PFHxA (surr.)	1	%	82	85	92	89
13C4-PFHpA (surr.)	1	%	83	74	84	88
13C8-PFOA (surr.)	1	%	84	77	89	90
13C5-PFNA (surr.)	1	%	81	79	85	89
13C6-PFDA (surr.)	1	%	83	78	86	86

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	91	81	94	91
13C2-PFDoDA (surr.)	1	%	89	82	91	85
13C2-PFTeDA (surr.)	1	%	82	81	83	82
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	81	85	78	84
D3-N-MeFOSA (surr.)	1	%	77	78	81	78
D5-N-EtFOSA (surr.)	1	%	79	80	80	82
D7-N-MeFOSE (surr.)	1	%	71	78	77	79
D9-N-EtFOSE (surr.)	1	%	80	79	79	79
D5-N-EtFOSAA (surr.)	1	%	72	42	80	73
D3-N-MeFOSAA (surr.)	1	%	93	40	83	78
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	85	84	93	91
18O2-PFHxS (surr.)	1	%	84	81	89	92
13C8-PFOS (surr.)	1	%	89	83	92	89
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	83	84	90	88
13C2-6:2 FTSA (surr.)	1	%	81	76	86	80
13C2-8:2 FTSA (surr.)	1	%	95	89	100	100
13C2-10:2 FTSA (surr.)	1	%	86	82	97	87

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Client Sample ID			AI_TP316_0.1	AI_TP316_0.3	AI_TP307_0.1	AI_TP307_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07877	S21-No07878	S21-No07879	S21-No07880
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	69	90	73	83
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	69	90	73	83
Toluene-d8 (surr.)	1	%	55	74	60	67
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	133	97	112
p-Terphenyl-d14 (surr.)	1	%	109	118	107	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	89	91	94	85
Tetrachloro-m-xylene (surr.)	1	%	101	109	90	99

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Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	102	114	105	97
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	133	97	112
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	101	103	85	80
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	126	131	84	111
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	108	130	93	126
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	7.1	5.8	13	8.5
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	17	23	13
Copper	5	mg/kg	16	18	11	17
Lead	5	mg/kg	18	14	16	9.5
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	7.5	7.0	7.6
Zinc	5	mg/kg	30	34	19	33
% Moisture	1	%	23	11	5.7	-
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	80	80	76	93
13C5-PFPeA (surr.)	1	%	98	96	93	67
13C5-PFHxA (surr.)	1	%	89	81	82	107
13C4-PFHpA (surr.)	1	%	83	80	79	108
13C8-PFOA (surr.)	1	%	80	80	79	87
13C5-PFNA (surr.)	1	%	83	78	79	87
13C6-PFDA (surr.)	1	%	77	77	77	103
13C2-PFUnDA (surr.)	1	%	93	79	78	92
13C2-PFDoDA (surr.)	1	%	86	75	81	105
13C2-PFTeDA (surr.)	1	%	82	74	78	117
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	77	75	75	92
D3-N-MeFOSA (surr.)	1	%	70	76	73	93
D5-N-EtFOSA (surr.)	1	%	76	76	73	92
D7-N-MeFOSE (surr.)	1	%	73	76	72	105
D9-N-EtFOSE (surr.)	1	%	72	76	71	93
D5-N-EtFOSAA (surr.)	1	%	90	64	71	62
D3-N-MeFOSAA (surr.)	1	%	96	65	76	68

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Client Sample ID			AI_TP308_0.1	AI_TP308_0.3	AI_TP309_0.1	AI_TP309_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07881	S21-No07882	S21-No07883	S21-No07884
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	86	86	79	97
18O2-PFHxS (surr.)	1	%	85	83	79	92
13C8-PFOS (surr.)	1	%	89	83	83	106
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	86	81	76	59
13C2-6:2 FTSA (surr.)	1	%	74	74	75	85
13C2-8:2 FTSA (surr.)	1	%	106	95	91	103
13C2-10:2 FTSA (surr.)	1	%	94	73	78	127
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	80	90	84	70
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	80	90	84	70
Toluene-d8 (surr.)	1	%	57	76	69	52
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	111	131	95	105
p-Terphenyl-d14 (surr.)	1	%	121	113	83	91
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	76	91	57	70
Tetrachloro-m-xylene (surr.)	1	%	88	102	74	80
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	85	103	72	83
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	111	131	95	105
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	94	78	54	63
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	134	132	96	108
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	97	128	93	89
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	14	11	12	8.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	21	18	27	19
Copper	5	mg/kg	11	26	37	19
Lead	5	mg/kg	22	20	22	21
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	5.3	14	20	9.5
Zinc	5	mg/kg	16	50	78	35
% Moisture	1	%	13	16	14	18
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	113	114	127	127
13C5-PFPeA (surr.)	1	%	77	81	97	99
13C5-PFHxA (surr.)	1	%	130	124	148	118
13C4-PFHpA (surr.)	1	%	123	132	133	120
13C8-PFOA (surr.)	1	%	103	107	114	113
13C5-PFNA (surr.)	1	%	102	100	107	114
13C6-PFDA (surr.)	1	%	115	121	130	131

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	101	103	112	103
13C2-PFDoDA (surr.)	1	%	110	112	125	116
13C2-PFTeDA (surr.)	1	%	124	122	144	119
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	84	95	97	99
D3-N-MeFOSA (surr.)	1	%	98	84	95	94
D5-N-EtFOSA (surr.)	1	%	90	93	106	89
D7-N-MeFOSE (surr.)	1	%	104	92	115	90
D9-N-EtFOSE (surr.)	1	%	91	83	88	89
D5-N-EtFOSAA (surr.)	1	%	105	84	107	102
D3-N-MeFOSAA (surr.)	1	%	121	101	124	122
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	90	107	88
18O2-PFHxS (surr.)	1	%	97	95	105	101
13C8-PFOS (surr.)	1	%	109	115	133	126
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	70	70	76	93
13C2-6:2 FTSA (surr.)	1	%	103	149	117	138
13C2-8:2 FTSA (surr.)	1	%	105	143	147	185
13C2-10:2 FTSA (surr.)	1	%	141	145	155	153

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Client Sample ID			AI_TP310_0.1	AI_TP311_0.1	AI_TP311_0.3	AI_TP312_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07885	S21-No07886	S21-No07887	S21-No07888
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	62	81	113	87
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	62	81	113	87
Toluene-d8 (surr.)	1	%	88	82	51	84
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	100	114	92
p-Terphenyl-d14 (surr.)	1	%	91	84	107	77
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	73	72	84	61
Tetrachloro-m-xylene (surr.)	1	%	82	74	94	69

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Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	89	82	102	71
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	100	114	92
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	77	68	75	61
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	113	104	122	95
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	111	87	122	75
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	8.5	16	17	15
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	15	14	18
Copper	5	mg/kg	25	17	14	14
Lead	5	mg/kg	14	20	15	21
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.6	8.0	< 5	5.5
Zinc	5	mg/kg	37	34	17	31
% Moisture	1	%	16	16	14	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	128	131	132	134
13C5-PFPeA (surr.)	1	%	100	98	103	102
13C5-PFHxA (surr.)	1	%	115	137	134	136
13C4-PFHpA (surr.)	1	%	120	127	121	135
13C8-PFOA (surr.)	1	%	106	110	104	113
13C5-PFNA (surr.)	1	%	100	109	114	116
13C6-PFDA (surr.)	1	%	124	132	129	128
13C2-PFUnDA (surr.)	1	%	97	101	104	106
13C2-PFDoDA (surr.)	1	%	116	117	122	112
13C2-PFTeDA (surr.)	1	%	121	123	125	122
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	98	87	96	94
D3-N-MeFOSA (surr.)	1	%	103	94	110	102
D5-N-EtFOSA (surr.)	1	%	102	97	110	93
D7-N-MeFOSE (surr.)	1	%	100	97	102	103
D9-N-EtFOSE (surr.)	1	%	97	100	92	92
D5-N-EtFOSAA (surr.)	1	%	93	106	110	107
D3-N-MeFOSAA (surr.)	1	%	110	124	123	131

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Client Sample ID			AI_TP312_0.3	AI_TP313_0.1	AI_TP313_0.3	AI_TP314_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07889	S21-No07890	S21-No07891	S21-No07892
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	111	111	104	112
18O2-PFHxS (surr.)	1	%	105	98	112	109
13C8-PFOS (surr.)	1	%	119	123	122	128
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	70	114	94	93
13C2-6:2 FTSA (surr.)	1	%	117	142	149	124
13C2-8:2 FTSA (surr.)	1	%	114	125	124	108
13C2-10:2 FTSA (surr.)	1	%	152	149	144	148
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	70	70	69	72
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	70	70	69	72
Toluene-d8 (surr.)	1	%	73	66	65	66
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	111	98	98
p-Terphenyl-d14 (surr.)	1	%	90	96	84	85
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	70	79	65	68
Tetrachloro-m-xylene (surr.)	1	%	81	85	76	73
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	82	90	76	81
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	111	98	98
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	62	70	66	62
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	105	117	102	103
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	106	87	102	87
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	12	8.7	10	9.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	15	17	15
Copper	5	mg/kg	23	17	27	15
Lead	5	mg/kg	17	21	16	19
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.8	5.7	6.7	7.8
Zinc	5	mg/kg	33	23	28	23
% Moisture	1	%	14	17	16	16
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	118	126	120	121
13C5-PFPeA (surr.)	1	%	82	103	92	96
13C5-PFHxA (surr.)	1	%	125	123	136	110
13C4-PFHpA (surr.)	1	%	127	122	116	116
13C8-PFOA (surr.)	1	%	106	116	100	110
13C5-PFNA (surr.)	1	%	98	115	101	111
13C6-PFDA (surr.)	1	%	116	127	120	117

DRAFT

Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	98	94	96	89
13C2-PFDoDA (surr.)	1	%	117	115	109	112
13C2-PFTeDA (surr.)	1	%	117	117	120	80
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	85	95	85	68
D3-N-MeFOSA (surr.)	1	%	88	100	89	55
D5-N-EtFOSA (surr.)	1	%	93	102	89	58
D7-N-MeFOSE (surr.)	1	%	108	101	108	58
D9-N-EtFOSE (surr.)	1	%	91	95	100	46
D5-N-EtFOSAA (surr.)	1	%	89	101	96	66
D3-N-MeFOSAA (surr.)	1	%	95	129	109	99
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	106	96	108	94
18O2-PFHxS (surr.)	1	%	117	114	91	109
13C8-PFOS (surr.)	1	%	122	126	113	115
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	58	108	79	161
13C2-6:2 FTSA (surr.)	1	%	131	78	110	138
13C2-8:2 FTSA (surr.)	1	%	106	124	108	146
13C2-10:2 FTSA (surr.)	1	%	128	155	138	117

DRAFT

Client Sample ID			AI_TP314_0.3	AI_TP306_0.1	AI_TP306_0.3	AI_TP304_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07893	S21-No07894	S21-No07895	S21-No07896
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	76	76	59	77
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	76	76	59	77
Toluene-d8 (surr.)	1	%	127	53	51	80
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	140	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	51	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	140	51	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	190	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	190	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	101	107	100
p-Terphenyl-d14 (surr.)	1	%	98	87	99	101
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	77	99	90	105
Tetrachloro-m-xylene (surr.)	1	%	86	77	85	88

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Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	92	105	102	107
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	101	107	100
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	78	94	106	95
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	1.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	119	109	127	105
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	116	103	127	104
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	11	5.9	8.2	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	18	16	19
Copper	5	mg/kg	22	19	24	12
Lead	5	mg/kg	20	18	18	19
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.3	17	12	< 5
Zinc	5	mg/kg	35	43	44	23
% Moisture	1	%	16	19	17	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	118	120	117	124
13C5-PFPeA (surr.)	1	%	95	130	86	111
13C5-PFHxA (surr.)	1	%	113	104	109	121
13C4-PFHpA (surr.)	1	%	115	117	113	119
13C8-PFOA (surr.)	1	%	104	117	101	109
13C5-PFNA (surr.)	1	%	94	118	101	108
13C6-PFDA (surr.)	1	%	122	117	116	129
13C2-PFUnDA (surr.)	1	%	91	104	89	95
13C2-PFDoDA (surr.)	1	%	116	96	107	114
13C2-PFTeDA (surr.)	1	%	110	89	119	118
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	94	118	91	88
D3-N-MeFOSA (surr.)	1	%	107	70	92	92
D5-N-EtFOSA (surr.)	1	%	96	86	99	103
D7-N-MeFOSE (surr.)	1	%	107	81	98	104
D9-N-EtFOSE (surr.)	1	%	87	80	107	107
D5-N-EtFOSAA (surr.)	1	%	71	87	84	103
D3-N-MeFOSAA (surr.)	1	%	84	90	110	120

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Client Sample ID			AI_TP304_0.3	AI_TP301_0.1	AI_TP301_0.3	AI_TP302_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07897	S21-No07898	S21-No07899	S21-No07900
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	96	123	90	118
18O2-PFHxS (surr.)	1	%	97	121	93	109
13C8-PFOS (surr.)	1	%	106	123	112	120
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	60	112	60	111
13C2-6:2 FTSA (surr.)	1	%	154	117	135	99
13C2-8:2 FTSA (surr.)	1	%	148	95	109	156
13C2-10:2 FTSA (surr.)	1	%	141	145	127	143
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	146	87	85	72
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	146	87	85	72
Toluene-d8 (surr.)	1	%	126	69	87	64
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	92	108	93
p-Terphenyl-d14 (surr.)	1	%	98	87	104	87
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	64	60	72	64
Tetrachloro-m-xylene (surr.)	1	%	73	63	75	64
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	71	65	75	63
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	92	108	93
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	84	72	92	54
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	127	113	135	112
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	99	74	104	72
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.9	7.3	8.6	10
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	16	21	26	28
Copper	5	mg/kg	19	20	29	26
Lead	5	mg/kg	12	26	21	30
Mercury	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1
Nickel	5	mg/kg	6.1	15	15	14
Zinc	5	mg/kg	25	44	70	60
% Moisture	1	%	14	20	23	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	125	138	142	143
13C5-PFPeA (surr.)	1	%	94	111	118	112
13C5-PFHxA (surr.)	1	%	136	134	134	151
13C4-PFHpA (surr.)	1	%	122	128	136	157
13C8-PFOA (surr.)	1	%	104	125	128	127
13C5-PFNA (surr.)	1	%	104	119	126	132
13C6-PFDA (surr.)	1	%	119	143	139	144

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	97	103	107	103
13C2-PFDoDA (surr.)	1	%	109	125	123	128
13C2-PFTeDA (surr.)	1	%	117	122	144	116
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	88	100	108	89
D3-N-MeFOSA (surr.)	1	%	92	105	111	101
D5-N-EtFOSA (surr.)	1	%	96	99	107	108
D7-N-MeFOSE (surr.)	1	%	108	111	103	115
D9-N-EtFOSE (surr.)	1	%	94	82	92	102
D5-N-EtFOSAA (surr.)	1	%	85	101	113	116
D3-N-MeFOSAA (surr.)	1	%	113	123	143	131
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	108	117	136
18O2-PFHxS (surr.)	1	%	104	121	128	133
13C8-PFOS (surr.)	1	%	121	121	136	123
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	91	129	112	190
13C2-6:2 FTSA (surr.)	1	%	166	127	149	149
13C2-8:2 FTSA (surr.)	1	%	122	154	129	176
13C2-10:2 FTSA (surr.)	1	%	141	161	166	146

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Client Sample ID			AI_TP302_0.3	AI_TP300_0.1	AI_TP_300_0.3	AI_TP299_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07901	S21-No07904	S21-No07905	S21-No07906
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	76	76	70	94
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	76	76	70	94
Toluene-d8 (surr.)	1	%	66	68	67	85
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	53	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	53	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	92	99	96	103
p-Terphenyl-d14 (surr.)	1	%	84	92	89	97
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	61	73	64	76
Tetrachloro-m-xylene (surr.)	1	%	63	68	66	71

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Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	62	71	65	74
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	92	99	96	103
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	81	64	95	93
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	109	120	114	122
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	85	80	89	88
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	7.8	8.8	13	5.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	24	29	19
Copper	5	mg/kg	35	26	42	24
Lead	5	mg/kg	18	30	22	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1
Nickel	5	mg/kg	9.4	20	13	12
Zinc	5	mg/kg	46	61	61	45
% Moisture	1	%	16	17	16	15
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	150	117	123	126
13C5-PFPeA (surr.)	1	%	127	90	94	105
13C5-PFHxA (surr.)	1	%	146	129	116	147
13C4-PFHpA (surr.)	1	%	136	119	123	154
13C8-PFOA (surr.)	1	%	136	100	109	121
13C5-PFNA (surr.)	1	%	126	100	103	122
13C6-PFDA (surr.)	1	%	146	122	124	128
13C2-PFUnDA (surr.)	1	%	110	94	95	91
13C2-PFDoDA (surr.)	1	%	137	104	106	113
13C2-PFTeDA (surr.)	1	%	131	114	122	114
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	110	88	89	86
D3-N-MeFOSA (surr.)	1	%	120	86	98	79
D5-N-EtFOSA (surr.)	1	%	107	92	93	85
D7-N-MeFOSE (surr.)	1	%	124	95	123	81
D9-N-EtFOSE (surr.)	1	%	103	100	99	94
D5-N-EtFOSAA (surr.)	1	%	120	79	70	97
D3-N-MeFOSAA (surr.)	1	%	142	89	81	117

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Client Sample ID			AI_TP299_0.3	AI_TP290_0.1	AI_TP290_0.3	AI_TP291_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07907	S21-No07908	S21-No07909	S21-No07910
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	115	110	89	104
18O2-PFHxS (surr.)	1	%	126	98	108	108
13C8-PFOS (surr.)	1	%	140	116	108	109
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	107	79	90	171
13C2-6:2 FTSA (surr.)	1	%	99	INT	192	187
13C2-8:2 FTSA (surr.)	1	%	164	122	114	198
13C2-10:2 FTSA (surr.)	1	%	167	130	138	141
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	79	68	88	82
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	79	68	88	82
Toluene-d8 (surr.)	1	%	71	63	85	75
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	125	118	124	116
p-Terphenyl-d14 (surr.)	1	%	126	119	124	117
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	92	84	87	82
Tetrachloro-m-xylene (surr.)	1	%	87	83	86	81
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	96	87	90	87
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	125	118	124	116
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	145	101	131	94
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	147	139	144	134
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	115	99	111	93
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.2	9.2	10	14
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	23	23	30	21
Copper	5	mg/kg	29	21	38	27
Lead	5	mg/kg	15	24	17	24
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.8	15	23	21
Zinc	5	mg/kg	40	42	76	60
% Moisture	1	%	16	16	18	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	126	127	121	125
13C5-PFPeA (surr.)	1	%	92	105	99	100
13C5-PFHxA (surr.)	1	%	133	142	140	137
13C4-PFHpA (surr.)	1	%	127	125	127	135
13C8-PFOA (surr.)	1	%	105	106	105	104
13C5-PFNA (surr.)	1	%	106	114	112	110
13C6-PFDA (surr.)	1	%	119	128	122	122

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	92	96	94	93
13C2-PFDoDA (surr.)	1	%	111	114	112	113
13C2-PFTeDA (surr.)	1	%	115	116	110	113
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	90	95	85	90
D3-N-MeFOSA (surr.)	1	%	90	100	95	80
D5-N-EtFOSA (surr.)	1	%	97	96	95	86
D7-N-MeFOSE (surr.)	1	%	105	114	110	96
D9-N-EtFOSE (surr.)	1	%	104	105	110	83
D5-N-EtFOSAA (surr.)	1	%	97	98	89	96
D3-N-MeFOSAA (surr.)	1	%	121	118	103	114
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	105	112	116	104
18O2-PFHxS (surr.)	1	%	102	113	97	102
13C8-PFOS (surr.)	1	%	120	110	118	121
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	92	121	70	110
13C2-6:2 FTSA (surr.)	1	%	96	167	184	139
13C2-8:2 FTSA (surr.)	1	%	144	135	123	147
13C2-10:2 FTSA (surr.)	1	%	128	147	132	136

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Client Sample ID			AI_TP291_0.3	AI_TP292_0.1	TP292_0.3	AI_TP293_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07911	S21-No07912	S21-No07913	S21-No07914
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	81	75	68	75
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	81	75	68	75
Toluene-d8 (surr.)	1	%	78	65	57	71
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	117	124	127	143
p-Terphenyl-d14 (surr.)	1	%	117	124	127	143
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	85	92	92	105
Tetrachloro-m-xylene (surr.)	1	%	82	86	87	101

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Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	87	94	94	110
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	117	124	127	143
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	112	132	140	99
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	134	143	149	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	101	111	117	115
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	16	9.9	8.0	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	25	25	23	23
Copper	5	mg/kg	29	31	38	14
Lead	5	mg/kg	25	24	18	26
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	23	22	16	9.1
Zinc	5	mg/kg	59	68	62	26
% Moisture	1	%	18	16	20	15
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	122	118	118	122
13C5-PFPeA (surr.)	1	%	104	94	93	102
13C5-PFHxA (surr.)	1	%	120	135	129	137
13C4-PFHpA (surr.)	1	%	130	125	130	128
13C8-PFOA (surr.)	1	%	108	105	103	108
13C5-PFNA (surr.)	1	%	109	105	103	117
13C6-PFDA (surr.)	1	%	126	122	114	123
13C2-PFUnDA (surr.)	1	%	90	92	90	95
13C2-PFDoDA (surr.)	1	%	112	107	103	113
13C2-PFTeDA (surr.)	1	%	115	109	111	119
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	86	88	83	95
D3-N-MeFOSA (surr.)	1	%	87	85	96	90
D5-N-EtFOSA (surr.)	1	%	95	96	89	98
D7-N-MeFOSE (surr.)	1	%	100	102	109	91
D9-N-EtFOSE (surr.)	1	%	90	95	112	118
D5-N-EtFOSAA (surr.)	1	%	98	99	81	96
D3-N-MeFOSAA (surr.)	1	%	117	115	92	119

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Client Sample ID			AI_TP293_0.3	AI_TP294_0.1	AI_TP294_0.3	AI_TP295_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No07915	S21-No07916	S21-No07917	S21-No07918
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	108	107	103
18O2-PFHxS (surr.)	1	%	101	87	96	99
13C8-PFOS (surr.)	1	%	120	106	107	114
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	101	76	111	131
13C2-6:2 FTSA (surr.)	1	%	134	106	170	78
13C2-8:2 FTSA (surr.)	1	%	178	120	141	168
13C2-10:2 FTSA (surr.)	1	%	146	147	139	139
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
BTEX					
Benzene	0.1	mg/kg	< 0.1	< 0.1	-
Toluene	0.1	mg/kg	< 0.1	< 0.1	-
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	-
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	-
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	-
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	-
4-Bromofluorobenzene (surr.)	1	%	93	79	-

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Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
Volatile Organics					
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	-
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	-
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	-
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	-
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	-
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	-
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	-
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	-
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	-
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	-
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	-
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	-
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	-
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	-
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	-
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	-
Benzene	0.1	mg/kg	< 0.1	< 0.1	-
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	-
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	-
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	-
Bromoform	0.5	mg/kg	< 0.5	< 0.5	-
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	-
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	-
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	-
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	-
Chloroform	0.5	mg/kg	< 0.5	< 0.5	-
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	-
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	-
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	-
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	-
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	-
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	-
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	-
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	-
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	-
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	-
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	-
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	-
Styrene	0.5	mg/kg	< 0.5	< 0.5	-
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	-
Toluene	0.1	mg/kg	< 0.1	< 0.1	-
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	-
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	-

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Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
Volatile Organics					
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	-
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	-
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	-
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	-
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	-
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	-
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	-
4-Bromofluorobenzene (surr.)	1	%	93	79	-
Toluene-d8 (surr.)	1	%	87	77	-
Total Recoverable Hydrocarbons					
TRH C6-C9	20	mg/kg	< 20	< 20	-
TRH C10-C14	20	mg/kg	< 20	< 20	-
TRH C15-C28	50	mg/kg	< 50	< 50	-
TRH C29-C36	50	mg/kg	< 50	< 50	-
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	-
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	-
TRH C6-C10	20	mg/kg	< 20	< 20	-
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	-
TRH >C10-C16	50	mg/kg	< 50	< 50	-
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	-
TRH >C16-C34	100	mg/kg	< 100	< 100	-
TRH >C34-C40	100	mg/kg	< 100	< 100	-
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	-
Polycyclic Aromatic Hydrocarbons					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	-
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-
Fluorene	0.5	mg/kg	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	-
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	< 0.5	-
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	126	132	-
p-Terphenyl-d14 (surr.)	1	%	130	133	-

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Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
Organochlorine Pesticides					
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	90	94	-
Tetrachloro-m-xylene (surr.)	1	%	90	93	-
Organophosphorus Pesticides					
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	< 2	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	-
EPN	0.2	mg/kg	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	< 0.2	-

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Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
Organophosphorus Pesticides					
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	< 2	< 2	-
Naled	0.2	mg/kg	< 0.2	< 0.2	-
Omethoate	2	mg/kg	< 2	< 2	-
Phorate	0.2	mg/kg	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	100	99	-
Semivolatile Organics					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	-
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	-
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	-
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	-
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	126	132	-
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	-
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	-
2-Nitroaniline	1	mg/kg	< 1	< 1	-
2-Nitrophenol	1	mg/kg	< 1	< 1	-
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	-
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	-
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	-
2.4.6-Tribromophenol (surr.)	1	%	117	135	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	-

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Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
Semivolatile Organics					
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	-
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	-
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	-
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	-
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	-
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	< 5	-
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	-
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	-
4.4'-DDT	1	mg/kg	< 1	< 1	-
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-
a-HCH	0.5	mg/kg	< 0.5	< 0.5	-
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	-
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	-
Aldrin	0.5	mg/kg	< 0.5	< 0.5	-
Aniline	0.5	mg/kg	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	< 0.5	-
b-HCH	0.5	mg/kg	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	-
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	-
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	-
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	-
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	< 0.5	-
d-HCH	0.5	mg/kg	< 0.5	< 0.5	-
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	-
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	-
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	-
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	-
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	-
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	-
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	-
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	-
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	-
Endrin	0.5	mg/kg	< 0.5	< 0.5	-
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	-
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-

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Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
Semivolatile Organics					
Fluorene	0.5	mg/kg	< 0.5	< 0.5	-
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	-
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	-
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	-
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	-
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	-
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	-
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	-
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	-
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	-
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	-
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	-
Nitrobenzene-d5 (surr.)	1	%	147	149	-
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	-
Pentachlorophenol	1	mg/kg	< 2	< 2	-
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	-
Phenol	0.5	mg/kg	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	120	121	-
Pronamide	0.5	mg/kg	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	< 0.5	-
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	-
Heavy Metals					
Arsenic	2	mg/kg	7.6	6.4	-
Cadmium	0.4	mg/kg	< 0.4	< 0.4	-
Chromium	5	mg/kg	25	25	-
Copper	5	mg/kg	22	35	-
Lead	5	mg/kg	14	22	-
Mercury	0.1	mg/kg	< 0.1	< 0.1	-
Nickel	5	mg/kg	10	16	-
Zinc	5	mg/kg	35	70	-
% Moisture	1	%	13	17	18
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	125	130	130

DRAFT

Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No07919	S21-No07922	S21-No07923
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit			
Perfluoroalkyl carboxylic acids (PFCAs)					
13C5-PFPeA (surr.)	1	%	116	110	103
13C5-PFHxA (surr.)	1	%	127	135	139
13C4-PFHpA (surr.)	1	%	121	144	132
13C8-PFOA (surr.)	1	%	111	121	118
13C5-PFNA (surr.)	1	%	114	120	108
13C6-PFDA (surr.)	1	%	123	126	129
13C2-PFUnDA (surr.)	1	%	94	101	102
13C2-PFDoDA (surr.)	1	%	120	117	118
13C2-PFTeDA (surr.)	1	%	120	125	122
Perfluoroalkyl sulfonamido substances					
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	87	82	85
D3-N-MeFOSA (surr.)	1	%	102	100	106
D5-N-EtFOSA (surr.)	1	%	110	93	112
D7-N-MeFOSE (surr.)	1	%	120	102	128
D9-N-EtFOSE (surr.)	1	%	118	89	110
D5-N-EtFOSAA (surr.)	1	%	85	98	101
D3-N-MeFOSAA (surr.)	1	%	97	114	123
Perfluoroalkyl sulfonic acids (PFSAs)					
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	109	103	109
18O2-PFHxS (surr.)	1	%	108	117	110
13C8-PFOS (surr.)	1	%	110	118	116
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	84	INT	97
13C2-6:2 FTSA (surr.)	1	%	135	156	85

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Client Sample ID			AI_TP295_0.3	AI_20211028_D01	AI_20211028_D02
Sample Matrix			**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No07919**	**S21-No07922**	**S21-No07923**
Date Sampled			**Not Provided**[I12]	**Not Provided**[I12]	**Not Provided**[I12]
Test/Reference	LOR	Unit			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
13C2-8:2 FTSA (surr.)	1	%	98	138	120
13C2-10:2 FTSA (surr.)	1	%	133	147	144
PFASs Summations					
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 12, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 12, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 12, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 12, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 03, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Nov 12, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Nov 12, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Nov 12, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Nov 12, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
PFASs Summations	Brisbane	Nov 03, 2021	
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 837639
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 1, 2021 5:12 PM
Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP161_0.05	Not Provided		Soil	S21-No07857	X				X	X	X		X	
2	AI_TP161_0.3	Not Provided		Soil	S21-No07858					X	X	X		X	
3	AI_TP162_0.1	Not Provided		Soil	S21-No07859	X				X	X	X		X	
4	AI_TP162_0.3	Not Provided		Soil	S21-No07860					X	X	X		X	
5	AI_TP156_0.1	Not Provided		Soil	S21-No07861	X				X	X	X		X	
6	AI_1P156_0.3	Not Provided		Soil	S21-No07862					X	X	X		X	
7	AI_TP157_0.1	Not Provided		Soil	S21-No07863	X				X	X	X		X	
8	AI_TP157_0.3	Not Provided		Soil	S21-No07864					X	X	X		X	

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 837639
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 1, 2021 5:12 PM
Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
9	AI_TP155_0.1	Not Provided		Soil	S21-No07865	X				X	X	X		X	
10	AI_TP155_0.3	Not Provided		Soil	S21-No07866					X	X	X		X	
11	AI_TP154_0.1	Not Provided		Soil	S21-No07867	X				X	X	X		X	
12	AI_TP154_0.3	Not Provided		Soil	S21-No07868					X	X	X	X		
13	AI_TP153_0.1	Not Provided		Soil	S21-No07869	X				X	X	X		X	
14	AI_TP320_0.3	Not Provided		Soil	S21-No07870					X	X	X		X	
15	AI_TP319_0.1	Not Provided		Soil	S21-No07871	X				X	X	X		X	
16	AI_TP319_0.3	Not Provided		Soil	S21-No07872					X	X	X		X	
17	AI_TP318_0.1	Not Provided		Soil	S21-No07873	X				X	X	X		X	
18	AI_TP318_0.3	Not Provided		Soil	S21-No07874					X	X	X		X	
19	AI_TP317_0.1	Not Provided		Soil	S21-No07875	X				X	X	X		X	

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Project ID: 0571466

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Fax: 02 8584 8800

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Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
20	AI_TP317_0.3	Not Provided		Soil	S21-No07876					X	X	X		X	
21	AI_TP316_0.1	Not Provided		Soil	S21-No07877	X				X	X	X		X	
22	AI_TP316_0.3	Not Provided		Soil	S21-No07878					X	X	X		X	
23	AI_TP307_0.1	Not Provided		Soil	S21-No07879	X				X	X	X		X	
24	AI_TP307_0.3	Not Provided		Soil	S21-No07880					X	X	X		X	
25	AI_TP308_0.1	Not Provided		Soil	S21-No07881	X				X	X	X		X	
26	AI_TP308_0.3	Not Provided		Soil	S21-No07882					X	X	X		X	
27	AI_TP309_0.1	Not Provided		Soil	S21-No07883	X				X	X	X		X	
28	AI_TP309_0.3	Not Provided		Soil	S21-No07884						X	X	X		
29	AI_TP310_0.1	Not Provided		Soil	S21-No07885	X				X	X	X	X		
30	AI_TP311_0.1	Not Provided		Soil	S21-No07886	X				X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
31	AI_TP311_0.3	Not Provided		Soil	S21-No07887					X	X	X	X		
32	AI_TP312_0.1	Not Provided		Soil	S21-No07888	X				X	X	X	X		
33	AI_TP312_0.3	Not Provided		Soil	S21-No07889					X	X	X	X		
34	AI_TP313_0.1	Not Provided		Soil	S21-No07890	X				X	X	X	X		
35	AI_TP313_0.3	Not Provided		Soil	S21-No07891					X	X	X	X		
36	AI_TP314_0.1	Not Provided		Soil	S21-No07892	X				X	X	X	X		
37	AI_TP314_0.3	Not Provided		Soil	S21-No07893					X	X	X	X		
38	AI_TP306_0.1	Not Provided		Soil	S21-No07894	X				X	X	X	X		
39	AI_TP306_0.3	Not Provided		Soil	S21-No07895					X	X	X	X		
40	AI_TP304_0.1	Not Provided		Soil	S21-No07896	X				X	X	X	X		
41	AI_TP304_0.3	Not Provided		Soil	S21-No07897					X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
42	AI_TP301_0.1	Not Provided		Soil	S21-No07898	X				X	X	X	X		
43	AI_TP301_0.3	Not Provided		Soil	S21-No07899					X	X	X	X		
44	AI_TP302_0.1	Not Provided		Soil	S21-No07900	X				X	X	X	X		
45	AI_TP302_0.3	Not Provided		Soil	S21-No07901					X	X	X	X		
46	AI_TP301_0.1	Not Provided		Soil	S21-No07902		X								
47	AI_TP301_0.3	Not Provided		Soil	S21-No07903		X								
48	AI_TP300_0.1	Not Provided		Soil	S21-No07904	X				X	X	X	X		
49	AI_TP_300_0.3	Not Provided		Soil	S21-No07905					X	X	X	X		
50	AI_TP299_0.1	Not Provided		Soil	S21-No07906	X				X	X	X	X		
51	AI_TP299_0.3	Not Provided		Soil	S21-No07907					X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
52	AI_TP290_0.1	Not Provided		Soil	S21-No07908	X				X	X	X	X		
53	AI_TP290_0.3	Not Provided		Soil	S21-No07909					X	X	X	X		
54	AI_TP291_0.1	Not Provided		Soil	S21-No07910	X				X	X	X	X		
55	AI_TP291_0.3	Not Provided		Soil	S21-No07911					X	X	X	X		
56	AI_TP292_0.1	Not Provided		Soil	S21-No07912	X				X	X	X	X		
57	TP292_0.3	Not Provided		Soil	S21-No07913					X	X	X	X		
58	AI_TP293_0.1	Not Provided		Soil	S21-No07914	X				X	X	X	X		
59	AI_TP293_0.3	Not Provided		Soil	S21-No07915					X	X	X	X		
60	AI_TP294_0.1	Not Provided		Soil	S21-No07916	X				X	X	X	X		
61	AI_TP294_0.3	Not Provided		Soil	S21-No07917					X	X	X	X		
62	AI_TP295_0.1	Not Provided		Soil	S21-No07918	X				X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
63	AI_TP295_0.3	Not Provided		Soil	S21-No07919					X	X	X	X		
64	AI_TRIP SPIKE	Not Provided		Water	S21-No07920										X
65	AI_TRIP BLANK	Not Provided		Water	S21-No07921				X						
66	AI_20211028_D01	Not Provided		Soil	S21-No07922					X	X	X	X		
67	AI_20211028_D02	Not Provided		Soil	S21-No07923					X			X		
68	AI_TP303_0.1	Not Provided		Soil	S21-No22626			X							
69	AI_TP303_0.3	Not Provided		Soil	S21-No22627			X							
70	AI_TP305_0.1	Not Provided		Soil	S21-No22628			X							

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
71	AI_TP305_0.3	Not Provided		Soil	S21-No22629			X							
72	AI_TP315_0.1	Not Provided		Soil	S21-No22630			X							
73	AI_TP315_0.3	Not Provided		Soil	S21-No22631			X							
74	AI_TP310_0.3	Not Provided		Soil	S21-No22632			X							
75	AI_TP153_0.3	Not Provided		Soil	S21-No22633			X							
76	AI_TP154_0.3 DUP	Not Provided		Soil	S21-No27231			X							
Test Counts						31	2	9	1	62	62	62	63	63	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	115			70-130	Pass	
Toluene	%	96			70-130	Pass	
Ethylbenzene	%	99			70-130	Pass	
m&p-Xylenes	%	108			70-130	Pass	
o-Xylene	%	105			70-130	Pass	
Xylenes - Total*	%	107			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	93			70-130	Pass	
1.1.1-Trichloroethane	%	80			70-130	Pass	
1.2-Dichlorobenzene	%	104			70-130	Pass	
1.2-Dichloroethane	%	106			70-130	Pass	
Benzene	%	89			70-130	Pass	
Ethylbenzene	%	76			70-130	Pass	
m&p-Xylenes	%	72			70-130	Pass	
o-Xylene	%	72			70-130	Pass	
Toluene	%	85			70-130	Pass	
Trichloroethene	%	84			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Xylenes - Total*	%	72			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	77			70-130	Pass	
TRH C10-C14	%	124			70-130	Pass	
Naphthalene	%	104			70-130	Pass	
TRH C6-C10	%	76			70-130	Pass	
TRH >C10-C16	%	129			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	88			70-130	Pass	
Acenaphthylene	%	88			70-130	Pass	
Anthracene	%	89			70-130	Pass	
Benz(a)anthracene	%	84			70-130	Pass	
Benzo(a)pyrene	%	91			70-130	Pass	
Benzo(b&j)fluoranthene	%	98			70-130	Pass	
Benzo(g.h.i)perylene	%	79			70-130	Pass	
Benzo(k)fluoranthene	%	90			70-130	Pass	
Chrysene	%	84			70-130	Pass	
Dibenz(a.h)anthracene	%	76			70-130	Pass	
Fluoranthene	%	86			70-130	Pass	
Fluorene	%	93			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	82			70-130	Pass	
Naphthalene	%	91			70-130	Pass	
Phenanthrene	%	86			70-130	Pass	
Pyrene	%	86			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	70			70-130	Pass	
4.4'-DDD	%	72			70-130	Pass	
4.4'-DDE	%	70			70-130	Pass	
4.4'-DDT	%	73			70-130	Pass	
a-HCH	%	74			70-130	Pass	
Aldrin	%	73			70-130	Pass	
b-HCH	%	71			70-130	Pass	
d-HCH	%	70			70-130	Pass	
Dieldrin	%	71			70-130	Pass	
Endosulfan I	%	70			70-130	Pass	
Endosulfan II	%	77			70-130	Pass	
Endosulfan sulphate	%	75			70-130	Pass	
Endrin	%	76			70-130	Pass	
Endrin aldehyde	%	71			70-130	Pass	
Endrin ketone	%	75			70-130	Pass	
g-HCH (Lindane)	%	70			70-130	Pass	
Heptachlor	%	103			70-130	Pass	
Heptachlor epoxide	%	70			70-130	Pass	
Hexachlorobenzene	%	70			70-130	Pass	
Methoxychlor	%	126			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	74			70-130	Pass	
Dimethoate	%	79			70-130	Pass	
Ethion	%	115			70-130	Pass	
Fenitrothion	%	124			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	%	117			70-130	Pass	
Mevinphos	%	83			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	108			25-140	Pass	
1.2.4-Trichlorobenzene	%	87			70-130	Pass	
1.3-Dichlorobenzene	%	103			70-130	Pass	
1.4-Dichlorobenzene	%	91			70-130	Pass	
2-Chlorophenol	%	90			25-140	Pass	
2-Methylphenol (o-Cresol)	%	81			25-140	Pass	
2-Nitrophenol	%	123			25-140	Pass	
2.4-Dichlorophenol	%	78			25-140	Pass	
2.4-Dimethylphenol	%	79			25-140	Pass	
2.4-Dinitrophenol	%	79			25-140	Pass	
2.4-Dinitrotoluene	%	106			70-130	Pass	
2.4.5-Trichlorophenol	%	74			25-140	Pass	
2.4.6-Trichlorophenol	%	70			25-140	Pass	
2.6-Dichlorophenol	%	83			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	81			25-140	Pass	
4-Chloro-3-methylphenol	%	88			25-140	Pass	
4-Nitrophenol	%	83			25-140	Pass	
Acenaphthene	%	93			70-130	Pass	
Acenaphthylene	%	85			70-130	Pass	
Anthracene	%	87			70-130	Pass	
Benz(a)anthracene	%	79			70-130	Pass	
Benzo(a)pyrene	%	84			70-130	Pass	
Benzo(b&j)fluoranthene	%	87			70-130	Pass	
Benzo(k)fluoranthene	%	92			70-130	Pass	
Chrysene	%	80			70-130	Pass	
Dibenz(a.h)anthracene	%	71			70-130	Pass	
Fluoranthene	%	81			70-130	Pass	
Fluorene	%	89			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	75			70-130	Pass	
N-Nitrosodipropylamine	%	92			70-130	Pass	
Naphthalene	%	87			70-130	Pass	
Pentachlorophenol	%	70			25-140	Pass	
Phenanthrene	%	80			70-130	Pass	
Phenol	%	92			25-140	Pass	
Pyrene	%	92			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	98			80-120	Pass	
Cadmium	%	96			80-120	Pass	
Chromium	%	95			80-120	Pass	
Copper	%	91			80-120	Pass	
Lead	%	107			80-120	Pass	
Mercury	%	95			80-120	Pass	
Nickel	%	89			80-120	Pass	
Zinc	%	90			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	103			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	106			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	104			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroheptanoic acid (PFHpA)	%	109			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	110			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	107			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	104			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	107			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	116			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	95			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	110			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	101			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	102			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	102			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	96			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	101			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	105			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	108			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	89			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	99			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	92			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	86			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	100			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	92			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	98			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	86			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	97			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	92			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No27972	NCP	%	87			70-130	Pass	
TRH C6-C10	S21-No27972	NCP	%	95			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-Oc65730	NCP	%	89			70-130	Pass	
4.4'-DDT	S21-Oc65730	NCP	%	90			70-130	Pass	
a-HCH	S21-Oc65730	NCP	%	83			70-130	Pass	
Aldrin	S21-Oc65730	NCP	%	84			70-130	Pass	
b-HCH	S21-Oc65730	NCP	%	89			70-130	Pass	
Dieldrin	S21-Oc65730	NCP	%	84			70-130	Pass	
Endosulfan II	S21-Oc65730	NCP	%	84			70-130	Pass	
Endrin	S21-Oc65730	NCP	%	86			70-130	Pass	
g-HCH (Lindane)	S21-Oc65730	NCP	%	87			70-130	Pass	
Heptachlor epoxide	S21-Oc65730	NCP	%	90			70-130	Pass	
Hexachlorobenzene	S21-Oc65730	NCP	%	87			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorobutanoic acid (PFBA)	S21-No07858	CP	%	104			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07858	CP	%	108			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07858	CP	%	108			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07858	CP	%	108			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07858	CP	%	108			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No07858	CP	%	105			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07858	CP	%	105			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07858	CP	%	110			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07858	CP	%	109			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07858	CP	%	96			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07858	CP	%	110			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No07858	CP	%	100			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07858	CP	%	105			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07858	CP	%	103			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07858	CP	%	100			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07858	CP	%	103			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07858	CP	%	108			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07858	CP	%	106			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No07858	CP	%	89			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07858	CP	%	94			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07858	CP	%	94			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07858	CP	%	87			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07858	CP	%	101			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07858	CP	%	97			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07858	CP	%	97			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07858	CP	%	94			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07858	CP	%	97			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07858	CP	%	104			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07858	CP	%	106			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07858	CP	%	100			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No07863	CP	%	74			70-130	Pass	
Toluene	S21-No07863	CP	%	75			70-130	Pass	
Ethylbenzene	S21-No07863	CP	%	75			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No07863	CP	%	82			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No07864	CP	%	82			75-125	Pass	
Cadmium	S21-No07864	CP	%	93			75-125	Pass	
Chromium	S21-No07864	CP	%	96			75-125	Pass	
Copper	S21-No07864	CP	%	76			75-125	Pass	
Lead	S21-No07864	CP	%	92			75-125	Pass	
Mercury	S21-No07864	CP	%	94			75-125	Pass	
Nickel	S21-No07864	CP	%	96			75-125	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S21-No31287	NCP	%	87			70-130	Pass	
1.1.1-Trichloroethane	S21-No31287	NCP	%	82			70-130	Pass	
1.2-Dichlorobenzene	S21-No31287	NCP	%	93			70-130	Pass	
1.2-Dichloroethane	S21-No31287	NCP	%	104			70-130	Pass	
Trichloroethene	S21-No31287	NCP	%	87			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthylene	S21-No21021	NCP	%	95			70-130	Pass	
Anthracene	S21-No21021	NCP	%	90			70-130	Pass	
Benz(a)anthracene	S21-No21021	NCP	%	85			70-130	Pass	
Benzo(a)pyrene	S21-No21021	NCP	%	85			70-130	Pass	
Benzo(b&j)fluoranthene	S21-No21021	NCP	%	85			70-130	Pass	
Benzo(g.h.i)perylene	S21-No32919	NCP	%	91			70-130	Pass	
Benzo(k)fluoranthene	S21-No21021	NCP	%	92			70-130	Pass	
Chrysene	S21-No21021	NCP	%	82			70-130	Pass	
Dibenz(a.h)anthracene	S21-No32919	NCP	%	89			70-130	Pass	
Fluoranthene	S21-No21021	NCP	%	85			70-130	Pass	
Fluorene	S21-No21021	NCP	%	88			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S21-No32919	NCP	%	92			70-130	Pass	
Naphthalene	S21-No21021	NCP	%	90			70-130	Pass	
Phenanthrene	S21-No21021	NCP	%	89			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Endosulfan sulphate	S21-No32919	NCP	%	93			70-130	Pass	
Endrin ketone	S21-No32919	NCP	%	74			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Chlorophenol	S21-No26745	NCP	%	89			30-130	Pass	
2-Methylphenol (o-Cresol)	S21-No26745	NCP	%	79			30-130	Pass	
2.4-Dichlorophenol	S21-No26745	NCP	%	83			30-130	Pass	
2.4.5-Trichlorophenol	S21-No26745	NCP	%	75			30-130	Pass	
2.4.6-Trichlorophenol	S21-No26745	NCP	%	91			30-130	Pass	
2.6-Dichlorophenol	S21-No26745	NCP	%	81			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No26745	NCP	%	84			30-130	Pass	
Phenol	S21-No26745	NCP	%	87			30-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No07873	CP	%	70			70-130	Pass	
Toluene	S21-No07873	CP	%	71			70-130	Pass	
Ethylbenzene	S21-No07873	CP	%	78			70-130	Pass	
m&p-Xylenes	S21-No07873	CP	%	82			70-130	Pass	
o-Xylene	S21-No07873	CP	%	84			70-130	Pass	
Xylenes - Total*	S21-No07873	CP	%	83			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No07873	CP	%	94			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No07878	CP	%	78			70-130	Pass	
Ethylbenzene	S21-No07878	CP	%	76			70-130	Pass	
m&p-Xylenes	S21-No07878	CP	%	80			70-130	Pass	
o-Xylene	S21-No07878	CP	%	81			70-130	Pass	
Xylenes - Total*	S21-No07878	CP	%	80			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No07878	CP	%	89			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No07879	CP	%	104			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07879	CP	%	103			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07879	CP	%	105			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07879	CP	%	108			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07879	CP	%	110			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No07879	CP	%	105			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07879	CP	%	107			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07879	CP	%	110			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07879	CP	%	110			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07879	CP	%	99			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07879	CP	%	106			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No07879	CP	%	105			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07879	CP	%	103			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07879	CP	%	101			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07879	CP	%	99			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07879	CP	%	102			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07879	CP	%	100			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07879	CP	%	103			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorobutanesulfonic acid (PFBS)	S21-No07879	CP	%	89			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07879	CP	%	95			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07879	CP	%	96			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07879	CP	%	86			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07879	CP	%	93			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07879	CP	%	98			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07879	CP	%	100			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07879	CP	%	95			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07879	CP	%	94			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07879	CP	%	102			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07879	CP	%	101			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07879	CP	%	100			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-No07885	CP	%	117			70-130	Pass	
TRH >C10-C16	S21-No07885	CP	%	113			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
4.4'-DDD	S21-No07888	CP	%	71			70-130	Pass	
4.4'-DDE	S21-No07888	CP	%	71			70-130	Pass	
d-HCH	S21-No07888	CP	%	70			70-130	Pass	
Endosulfan I	S21-No07888	CP	%	71			70-130	Pass	
Heptachlor	S21-No07888	CP	%	95			70-130	Pass	
Methoxychlor	S21-No07888	CP	%	108			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No07888	CP	%	74			70-130	Pass	
Dimethoate	S21-No07888	CP	%	70			70-130	Pass	
Ethion	S21-No07888	CP	%	115			70-130	Pass	
Fenitrothion	S21-No07888	CP	%	120			70-130	Pass	
Mevinphos	S21-No07888	CP	%	76			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No07888	CP	%	92			75-125	Pass	
Cadmium	S21-No07888	CP	%	87			75-125	Pass	
Chromium	S21-No07888	CP	%	85			75-125	Pass	
Copper	S21-No07888	CP	%	84			75-125	Pass	
Lead	S21-No07888	CP	%	84			75-125	Pass	
Mercury	S21-No07888	CP	%	85			75-125	Pass	
Nickel	S21-No07888	CP	%	83			75-125	Pass	
Zinc	S21-No07888	CP	%	85			75-125	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Heavy Metals				Result 1					
Arsenic	S21-No07889	CP	%	89			75-125	Pass	
Cadmium	S21-No07889	CP	%	86			75-125	Pass	
Chromium	S21-No07889	CP	%	83			75-125	Pass	
Copper	S21-No07889	CP	%	84			75-125	Pass	
Lead	S21-No07889	CP	%	84			75-125	Pass	
Mercury	S21-No07889	CP	%	83			75-125	Pass	
Nickel	S21-No07889	CP	%	82			75-125	Pass	
Zinc	S21-No07889	CP	%	85			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No07899	CP	%	92			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07899	CP	%	99			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07899	CP	%	112			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07899	CP	%	95			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07899	CP	%	95			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No07899	CP	%	102			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07899	CP	%	92			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07899	CP	%	119			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07899	CP	%	100			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07899	CP	%	124			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07899	CP	%	97			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No07899	CP	%	57			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07899	CP	%	91			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07899	CP	%	95			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07899	CP	%	105			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07899	CP	%	97			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07899	CP	%	117			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07899	CP	%	106			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No07899	CP	%	99			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07899	CP	%	95			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07899	CP	%	119			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07899	CP	%	77			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07899	CP	%	88			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07899	CP	%	102			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07899	CP	%	72			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07899	CP	%	71			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07899	CP	%	71			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07899	CP	%	88			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07899	CP	%	105			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07899	CP	%	110			50-150	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No07901	CP	%	73			70-130	Pass	
Pyrene	S21-No07901	CP	%	72			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
4.4'-DDD	S21-No07901	CP	%	82			70-130	Pass	
Heptachlor	S21-No07901	CP	%	101			70-130	Pass	
Methoxychlor	S21-No07901	CP	%	86			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-No07901	CP	%	75			30-130	Pass	
4-Nitrophenol	S21-No07901	CP	%	116			30-130	Pass	
Pentachlorophenol	S21-No07901	CP	%	80			30-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No07923	CP	%	99			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07923	CP	%	108			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07923	CP	%	122			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07923	CP	%	100			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07923	CP	%	98			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No07923	CP	%	97			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07923	CP	%	95			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07923	CP	%	116			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07923	CP	%	107			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07923	CP	%	115			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07923	CP	%	89			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No07923	CP	%	67			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07923	CP	%	97			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07923	CP	%	104			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07923	CP	%	79			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07923	CP	%	90			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07923	CP	%	117			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07923	CP	%	112			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No07923	CP	%	112			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07923	CP	%	105			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07923	CP	%	131			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07923	CP	%	100			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07923	CP	%	98			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07923	CP	%	97			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07923	CP	%	80			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07923	CP	%	83			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07923	CP	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07923	CP	%	89			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07923	CP	%	122			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07923	CP	%	108			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07857	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07857	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07857	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07857	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No07862	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No07862	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No07862	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No07862	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No07862	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No07862	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1.2-Trichloroethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No07862	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No07862	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No07862	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No07862	CP	%	17	17	1.0	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07863	CP	mg/kg	5.5	5.6	1.0	30%	Pass	
Cadmium	S21-No07863	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07863	CP	mg/kg	19	20	9.0	30%	Pass	
Copper	S21-No07863	CP	mg/kg	30	24	21	30%	Pass	
Lead	S21-No07863	CP	mg/kg	27	27	2.0	30%	Pass	
Mercury	S21-No07863	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07863	CP	mg/kg	17	17	1.0	30%	Pass	
Zinc	S21-No07863	CP	mg/kg	69	64	7.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No07864	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No07864	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No07864	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No07864	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No07864	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No07864	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No07864	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Hexachlorobenzene	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No07864	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No07864	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No07864	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No07864	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No07864	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Chlorophenol	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No07864	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No07864	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No07864	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No07864	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No07864	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
g-HCH (Lindane)	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No07864	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No07864	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07867	CP	mg/kg	9.4	11	18	30%	Pass	
Cadmium	S21-No07867	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07867	CP	mg/kg	22	26	13	30%	Pass	
Copper	S21-No07867	CP	mg/kg	17	19	9.0	30%	Pass	
Lead	S21-No07867	CP	mg/kg	25	27	7.0	30%	Pass	
Mercury	S21-No07867	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07867	CP	mg/kg	11	14	16	30%	Pass	
Zinc	S21-No07867	CP	mg/kg	31	32	6.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No07869	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No07869	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No07869	CP	mg/kg	< 50	78	49	30%	Fail	Q15
TRH >C10-C16	S21-No07869	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No07869	CP	mg/kg	< 100	110	45	30%	Fail	Q15
TRH >C34-C40	S21-No07869	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No07869	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No07869	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No07869	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No07869	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No07869	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tetrachlorvinphos	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No07869	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No07869	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No07869	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No07869	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No07869	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Bis(2-ethylhexyl)phthalate	S21-No07869	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No07869	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No07869	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No07872	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No07872	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No07872	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No07872	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No07872	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No07872	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.2-Dichloroethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No07872	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No07872	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No07872	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No07872	CP	%	15	17	10	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07873	CP	mg/kg	8.8	7.1	21	30%	Pass	
Cadmium	S21-No07873	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07873	CP	mg/kg	26	21	20	30%	Pass	
Copper	S21-No07873	CP	mg/kg	26	20	24	30%	Pass	
Lead	S21-No07873	CP	mg/kg	28	22	22	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Mercury	S21-No07873	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07873	CP	mg/kg	12	9.3	24	30%	Pass	
Zinc	S21-No07873	CP	mg/kg	48	37	24	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No07877	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No07877	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No07877	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No07877	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No07877	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No07877	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Tetrachloroethene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No07877	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No07877	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No07877	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07878	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07878	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorooctanesulfonic acid (PFOS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07878	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07878	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No07879	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No07879	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No07879	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No07879	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No07879	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No07879	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No07879	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Endosulfan sulphate	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No07879	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No07879	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No07879	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No07879	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No07879	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.2.3.5-Tetrachlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No07879	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No07879	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No07879	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No07879	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No07879	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Diphenylamine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No07879	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No07879	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No07882	CP	%	11	7.9	29	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07883	CP	mg/kg	13	6.2	74	30%	Fail	Q15
Cadmium	S21-No07883	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07883	CP	mg/kg	23	11	72	30%	Fail	Q15
Copper	S21-No07883	CP	mg/kg	11	8.5	29	30%	Pass	
Lead	S21-No07883	CP	mg/kg	16	10	47	30%	Fail	Q15
Mercury	S21-No07883	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07883	CP	mg/kg	7.0	< 5	56	30%	Fail	Q15
Zinc	S21-No07883	CP	mg/kg	19	14	35	30%	Fail	Q15
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07884	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07884	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07884	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07884	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No07887	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No07887	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No07887	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No07887	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No07887	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1.2-Trichloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No07887	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S21-No07887	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No07887	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No07887	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No07887	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S21-No07887	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No07887	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No07887	CP	mg/kg	< 100	< 100	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No07887	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No07887	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No07887	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Ethion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No07887	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No07887	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No07887	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No07887	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No07887	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No07887	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
3.3'-Dichlorobenzidine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No07887	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No07887	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No07887	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No07887	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07887	CP	mg/kg	12	12	7.0	30%	Pass	
Cadmium	S21-No07887	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07887	CP	mg/kg	27	28	1.0	30%	Pass	
Copper	S21-No07887	CP	mg/kg	37	37	1.0	30%	Pass	
Lead	S21-No07887	CP	mg/kg	22	20	8.0	30%	Pass	
Mercury	S21-No07887	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07887	CP	mg/kg	20	20	2.0	30%	Pass	
Zinc	S21-No07887	CP	mg/kg	78	75	4.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No07890	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No07890	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No07890	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No07890	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No07890	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No07890	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No07892	CP	%	14	14	5.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07893	CP	mg/kg	12	10	14	30%	Pass	
Cadmium	S21-No07893	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07893	CP	mg/kg	19	17	9.0	30%	Pass	
Copper	S21-No07893	CP	mg/kg	23	22	5.0	30%	Pass	
Lead	S21-No07893	CP	mg/kg	17	15	9.0	30%	Pass	
Mercury	S21-No07893	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07893	CP	mg/kg	6.8	7.5	10	30%	Pass	
Zinc	S21-No07893	CP	mg/kg	33	32	4.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07897	CP	mg/kg	11	9.4	15	30%	Pass	
Cadmium	S21-No07897	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07897	CP	mg/kg	18	16	15	30%	Pass	
Copper	S21-No07897	CP	mg/kg	22	20	9.0	30%	Pass	
Lead	S21-No07897	CP	mg/kg	20	18	14	30%	Pass	
Mercury	S21-No07897	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07897	CP	mg/kg	9.3	10	12	30%	Pass	
Zinc	S21-No07897	CP	mg/kg	35	34	4.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No07904	CP	%	20	24	16	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorotridecanoic acid (PFTrDA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07904	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07904	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07904	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07904	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07905	CP	mg/kg	8.6	11	26	30%	Pass	
Cadmium	S21-No07905	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07905	CP	mg/kg	26	34	26	30%	Pass	
Copper	S21-No07905	CP	mg/kg	29	38	26	30%	Pass	
Lead	S21-No07905	CP	mg/kg	21	28	31	30%	Fail	Q15
Mercury	S21-No07905	CP	mg/kg	0.1	0.1	2.0	30%	Pass	
Nickel	S21-No07905	CP	mg/kg	15	20	28	30%	Pass	
Zinc	S21-No07905	CP	mg/kg	70	79	12	30%	Pass	

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Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No07906	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No07906	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No07906	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No07906	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No07906	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No07906	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No07906	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No07906	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Coumaphos	S21-No07906	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No07906	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No07906	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No07906	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No07906	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2.4-Dinitrophenol	S21-No07906	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No07906	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No07906	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No07906	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No07906	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
N-Nitrosopiperidine	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No07906	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phenol	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No07906	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07908	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07908	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07908	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07908	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No07909	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No07909	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No07909	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No07909	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No07909	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No07909	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No07909	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Nitrophenol	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No07909	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No07909	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No07909	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No07909	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Hexachlorocyclopentadiene	S21-No07909	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No07909	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phenol	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No07909	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No07914	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No07914	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No07914	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No07914	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No07914	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No07914	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Chloromethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No07914	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No07914	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No07914	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No07914	CP	%	17	19	9.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No07915	CP	mg/kg	16	19	14	30%	Pass	
Cadmium	S21-No07915	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No07915	CP	mg/kg	25	28	13	30%	Pass	
Copper	S21-No07915	CP	mg/kg	29	31	7.0	30%	Pass	
Lead	S21-No07915	CP	mg/kg	25	26	3.0	30%	Pass	
Mercury	S21-No07915	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No07915	CP	mg/kg	23	26	12	30%	Pass	
Zinc	S21-No07915	CP	mg/kg	59	67	13	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No07919	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No07919	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No07919	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No07919	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No07919	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No07919	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.2.3-Trichloropropane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No07919	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No07919	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No07919	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorotridecanoic acid (PFTrDA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No07922	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No07922	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No07922	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No07922	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
I12	Where sampling date has not been provided, Eurofins | Environment Testing is not able to determine whether analysis has been performed within recommended holding times.
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
Andrew Sullivan	Senior Analyst-PFAS (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Jack Emblen**

Report **837639-W-V2**
Project name BRADFIELD CITY CENTRE
Project ID 0571466
Received Date Nov 01, 2021

Client Sample ID			**AI_TRIP SPIKE**	**AI_TRIP BLANK**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S21-No07920**	**S21-No07921**
Date Sampled			**Not Provided**[I12]	**Not Provided**[I12]
Test/Reference	LOR	Unit		
BTEX				
Benzene	1	%	95	-
Ethylbenzene	1	%	79	-
m&p-Xylenes	1	%	91	-
o-Xylene	1	%	72	-
Toluene	1	%	83	-
Xylenes - Total	1	%	78	-
4-Bromofluorobenzene (surr.)	1	%	103	-
BTEX				
Benzene	0.001	mg/L	-	< 0.001
Toluene	0.001	mg/L	-	< 0.001
Ethylbenzene	0.001	mg/L	-	< 0.001
m&p-Xylenes	0.002	mg/L	-	< 0.002
o-Xylene	0.001	mg/L	-	< 0.001
Xylenes - Total*	0.003	mg/L	-	< 0.003
4-Bromofluorobenzene (surr.)	1	%	-	107

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Nov 09, 2021	14 Days

- Method: LTM-ORG-2010 TRH C6-C40

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Company Name: ERM Sydney
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NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 837639
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 1, 2021 5:12 PM
Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP161_0.05	Not Provided		Soil	S21-No07857	X				X	X	X		X	
2	AI_TP161_0.3	Not Provided		Soil	S21-No07858					X	X	X		X	
3	AI_TP162_0.1	Not Provided		Soil	S21-No07859	X				X	X	X		X	
4	AI_TP162_0.3	Not Provided		Soil	S21-No07860					X	X	X		X	
5	AI_TP156_0.1	Not Provided		Soil	S21-No07861	X				X	X	X		X	
6	AI_1P156_0.3	Not Provided		Soil	S21-No07862					X	X	X		X	
7	AI_TP157_0.1	Not Provided		Soil	S21-No07863	X				X	X	X		X	
8	AI_TP157_0.3	Not Provided		Soil	S21-No07864					X	X	X		X	

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Company Name: ERM Sydney
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NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 837639
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 1, 2021 5:12 PM
Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
9	AI_TP155_0.1	Not Provided		Soil	S21-No07865	X				X	X	X		X	
10	AI_TP155_0.3	Not Provided		Soil	S21-No07866					X	X	X		X	
11	AI_TP154_0.1	Not Provided		Soil	S21-No07867	X				X	X	X		X	
12	AI_TP154_0.3	Not Provided		Soil	S21-No07868					X	X	X	X		
13	AI_TP153_0.1	Not Provided		Soil	S21-No07869	X				X	X	X		X	
14	AI_TP320_0.3	Not Provided		Soil	S21-No07870					X	X	X		X	
15	AI_TP319_0.1	Not Provided		Soil	S21-No07871	X				X	X	X		X	
16	AI_TP319_0.3	Not Provided		Soil	S21-No07872					X	X	X		X	
17	AI_TP318_0.1	Not Provided		Soil	S21-No07873	X				X	X	X		X	
18	AI_TP318_0.3	Not Provided		Soil	S21-No07874					X	X	X		X	
19	AI_TP317_0.1	Not Provided		Soil	S21-No07875	X				X	X	X		X	

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Project ID: 0571466

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Fax: 02 8584 8800

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Due: Nov 8, 2021
Priority: 5 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
20	AI_TP317_0.3	Not Provided		Soil	S21-No07876					X	X	X		X	
21	AI_TP316_0.1	Not Provided		Soil	S21-No07877	X				X	X	X		X	
22	AI_TP316_0.3	Not Provided		Soil	S21-No07878					X	X	X		X	
23	AI_TP307_0.1	Not Provided		Soil	S21-No07879	X				X	X	X		X	
24	AI_TP307_0.3	Not Provided		Soil	S21-No07880					X	X	X		X	
25	AI_TP308_0.1	Not Provided		Soil	S21-No07881	X				X	X	X		X	
26	AI_TP308_0.3	Not Provided		Soil	S21-No07882					X	X	X		X	
27	AI_TP309_0.1	Not Provided		Soil	S21-No07883	X				X	X	X		X	
28	AI_TP309_0.3	Not Provided		Soil	S21-No07884						X	X	X		
29	AI_TP310_0.1	Not Provided		Soil	S21-No07885	X				X	X	X	X		
30	AI_TP311_0.1	Not Provided		Soil	S21-No07886	X				X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
31	AI_TP311_0.3	Not Provided		Soil	S21-No07887					X	X	X	X		
32	AI_TP312_0.1	Not Provided		Soil	S21-No07888	X				X	X	X	X		
33	AI_TP312_0.3	Not Provided		Soil	S21-No07889					X	X	X	X		
34	AI_TP313_0.1	Not Provided		Soil	S21-No07890	X				X	X	X	X		
35	AI_TP313_0.3	Not Provided		Soil	S21-No07891					X	X	X	X		
36	AI_TP314_0.1	Not Provided		Soil	S21-No07892	X				X	X	X	X		
37	AI_TP314_0.3	Not Provided		Soil	S21-No07893					X	X	X	X		
38	AI_TP306_0.1	Not Provided		Soil	S21-No07894	X				X	X	X	X		
39	AI_TP306_0.3	Not Provided		Soil	S21-No07895					X	X	X	X		
40	AI_TP304_0.1	Not Provided		Soil	S21-No07896	X				X	X	X	X		
41	AI_TP304_0.3	Not Provided		Soil	S21-No07897					X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
42	AI_TP301_0.1	Not Provided		Soil	S21-No07898	X				X	X	X	X		
43	AI_TP301_0.3	Not Provided		Soil	S21-No07899					X	X	X	X		
44	AI_TP302_0.1	Not Provided		Soil	S21-No07900	X				X	X	X	X		
45	AI_TP302_0.3	Not Provided		Soil	S21-No07901					X	X	X	X		
46	AI_TP301_0.1	Not Provided		Soil	S21-No07902		X								
47	AI_TP301_0.3	Not Provided		Soil	S21-No07903		X								
48	AI_TP300_0.1	Not Provided		Soil	S21-No07904	X				X	X	X	X		
49	AI_TP_300_0.3	Not Provided		Soil	S21-No07905					X	X	X	X		
50	AI_TP299_0.1	Not Provided		Soil	S21-No07906	X				X	X	X	X		
51	AI_TP299_0.3	Not Provided		Soil	S21-No07907					X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
52	AI_TP290_0.1	Not Provided		Soil	S21-No07908	X				X	X	X	X		
53	AI_TP290_0.3	Not Provided		Soil	S21-No07909					X	X	X	X		
54	AI_TP291_0.1	Not Provided		Soil	S21-No07910	X				X	X	X	X		
55	AI_TP291_0.3	Not Provided		Soil	S21-No07911					X	X	X	X		
56	AI_TP292_0.1	Not Provided		Soil	S21-No07912	X				X	X	X	X		
57	TP292_0.3	Not Provided		Soil	S21-No07913					X	X	X	X		
58	AI_TP293_0.1	Not Provided		Soil	S21-No07914	X				X	X	X	X		
59	AI_TP293_0.3	Not Provided		Soil	S21-No07915					X	X	X	X		
60	AI_TP294_0.1	Not Provided		Soil	S21-No07916	X				X	X	X	X		
61	AI_TP294_0.3	Not Provided		Soil	S21-No07917					X	X	X	X		
62	AI_TP295_0.1	Not Provided		Soil	S21-No07918	X				X	X	X	X		

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
63	AI_TP295_0.3	Not Provided		Soil	S21-No07919					X	X	X	X		
64	AI_TRIP SPIKE	Not Provided		Water	S21-No07920										X
65	AI_TRIP BLANK	Not Provided		Water	S21-No07921				X						
66	AI_20211028_D01	Not Provided		Soil	S21-No07922					X	X	X	X		
67	AI_20211028_D02	Not Provided		Soil	S21-No07923					X			X		
68	AI_TP303_0.1	Not Provided		Soil	S21-No22626			X							
69	AI_TP303_0.3	Not Provided		Soil	S21-No22627			X							
70	AI_TP305_0.1	Not Provided		Soil	S21-No22628			X							

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
71	AI_TP305_0.3	Not Provided		Soil	S21-No22629			X							
72	AI_TP315_0.1	Not Provided		Soil	S21-No22630			X							
73	AI_TP315_0.3	Not Provided		Soil	S21-No22631			X							
74	AI_TP310_0.3	Not Provided		Soil	S21-No22632			X							
75	AI_TP153_0.3	Not Provided		Soil	S21-No22633			X							
76	AI_TP154_0.3 DUP	Not Provided		Soil	S21-No27231			X							
Test Counts						31	2	9	1	62	62	62	63	63	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	92			70-130	Pass	
Toluene	%	91			70-130	Pass	
Ethylbenzene	%	88			70-130	Pass	
m&p-Xylenes	%	90			70-130	Pass	
o-Xylene	%	88			70-130	Pass	
Xylenes - Total*	%	90			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No22206	NCP	%	92			70-130	Pass	
Toluene	S21-No22206	NCP	%	92			70-130	Pass	
Ethylbenzene	S21-No22206	NCP	%	90			70-130	Pass	
m&p-Xylenes	S21-No22206	NCP	%	90			70-130	Pass	
o-Xylene	S21-No22206	NCP	%	89			70-130	Pass	
Xylenes - Total*	S21-No22206	NCP	%	90			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No13974	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S21-No13974	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S21-No13974	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S21-No13974	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S21-No13974	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S21-No13974	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

DRAFT

Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
I12	Where sampling date has not been provided, Eurofins | Environment Testing is not able to determine whether analysis has been performed within recommended holding times.

Authorised by:

John Nguyen	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP296_0.1			X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP296_0.3				X									**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP297_0.1			X										
4	TP297_0.3				X									
5	TP298_0.1			X										
6	TP298_0.3				X									
7	TP289_0.1			X										
8	TP289_0.8				X									
9	TP288_0.1			X										
10	TP288_0.3				X									
	Total Counts			5	5									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal — Name: JACK EMBLEN — Signature: — Date: 11/1/2021 — Time:

Laboratory Use Only

Received By	NC	SYD / BNE / MEL / PER / ADL / NTL / DRW	Signature		Date	5/11	Time	2:51
Received By		SYD / BNE / MEL / PER / ADL / NTL / DRW	Signature		Date		Time	

Temperature: 5.4 — Report №: 838531

DRAFT

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP287_0.1			X										
12	TP287_0.3				X									
13	TP286_0.1			X										
14	TP286_0.3				X									
15	TP285_0.1			X										
16	TP285_0.3				X									
17	TP284_0.1			X										
18	TP284_0.3				X									
19	TP283_0.1			X										
20	TP283_0.3				X									
	Total Counts			5	5									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal — Name — Signature — Date — Time — Temperature 5.4

Laboratory Use Only								
Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/9	Time	2:51
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	Report № 838531

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☒ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP282_0.1				X										
22	TP282_0.3			X											
23	TP273_0.1				X										
24	TP273_0.3			X											
25	TP274_0.1				X										
26	TP274_0.3			X											
27	TP275_0.1				X										
28	TP275_0.3			X											
29	TP276_0.1				X										
30	TP276_0.3			X											
	Total Counts			5	5										

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal

Name		Signature		Date		Time		Time	
Laboratory Use Only — Received By	NL	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11	Time	2:51	Temperature 5.4
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 83855

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

DRAFT

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NATA # 1261 Site # 18217

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NATA # 2377 Site # 2370

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Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	Bradfield City Centre
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 5, 2021 2:51 PM
Eurofins reference	838531

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✗	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✗	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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eurofins | Environment Testing

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
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IANZ # 1327

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43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838531
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	AI_TP296_0.1	Not Provided		Soil	S21-No14092	X	X	X	X	X
2	AI_TP296_0.3	Not Provided		Soil	S21-No14093		X	X	X	X
3	AI_TP297_0.1	Not Provided		Soil	S21-No14094	X	X	X	X	X
4	AI_TP297_0.3	Not Provided		Soil	S21-No14095		X	X	X	X
5	AI_TP298_0.1	Not Provided		Soil	S21-No14096	X	X	X	X	X
6	AI_TP298_0.3	Not Provided		Soil	S21-No14097		X	X	X	X
7	AI_TP289_0.1	Not Provided		Soil	S21-No14098	X	X	X	X	X
8	AI_TP289_0.8	Not Provided		Soil	S21-No14099		X	X	X	X
9	AI_TP288_0.1	Not Provided		Soil	S21-No14100	X	X	X	X	X

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email: EnviroSales@eurofins.com

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Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838531
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
10	AI_TP288_0.3	Not Provided		Soil	S21-No14101		X	X	X	X
11	AI_TP287_0.1	Not Provided		Soil	S21-No14102	X	X	X	X	X
12	AI_TP287_0.3	Not Provided		Soil	S21-No14103		X	X	X	X
13	AI_TP286_0.1	Not Provided		Soil	S21-No14104	X	X	X	X	X
14	AI_TP286_0.3	Not Provided		Soil	S21-No14105		X	X	X	X
15	AI_TP285_0.1	Not Provided		Soil	S21-No14106	X	X	X	X	X
16	AI_TP285_0.3	Not Provided		Soil	S21-No14107		X	X	X	X
17	AI_TP284_0.1	Not Provided		Soil	S21-No14108	X	X	X	X	X
18	AI_TP284_0.3	Not Provided		Soil	S21-No14109		X	X	X	X
19	AI_TP283_0.1	Not Provided		Soil	S21-No14110	X	X	X	X	X
20	AI_TP283_0.3	Not Provided		Soil	S21-No14111		X	X	X	X

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Melbourne
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NATA # 1261 Site # 1254

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NATA # 1261 Site # 18217

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NATA # 1261 Site # 20794

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NATA # 1261 Site # 25079

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NATA # 2377 Site # 2370

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Christchurch
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Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838531
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
21	AI_TP282_0.1	Not Provided		Soil	S21-No14112		X	X	X	X
22	AI_TP282_0.3	Not Provided		Soil	S21-No14113	X	X	X	X	X
23	AI_TP273_0.1	Not Provided		Soil	S21-No14114		X	X	X	X
24	AI_TP273_0.3	Not Provided		Soil	S21-No14115	X	X	X	X	X
25	AI_TP274_0.1	Not Provided		Soil	S21-No14116		X	X	X	X
26	AI_TP274_0.3	Not Provided		Soil	S21-No14117	X	X	X	X	X
27	AI_TP275_0.1	Not Provided		Soil	S21-No14118		X	X	X	X
28	AI_TP275_0.3	Not Provided		Soil	S21-No14119	X	X	X	X	X
29	AI_TP276_0.1	Not Provided		Soil	S21-No14120		X	X	X	X
30	AI_TP276_0.3	Not Provided		Soil	S21-No14121	X	X	X	X	X
Test Counts						15	30	30	30	30

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	838531-AID-V2
Project Name	Bradfield City Centre
Project ID	0571466
Received Date	Nov 05, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name Bradfield City Centre
Project ID 0571466
Date Sampled
Report 838531-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP296_0.1	21-No14092	not provided	Approximate Sample 540g Sample consisted of: Brown coarse-grained clayey-sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP297_0.1	21-No14094	not provided	Approximate Sample 614g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP298_0.1	21-No14096	not provided	Approximate Sample 600g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP289_0.1	21-No14098	not provided	Approximate Sample 663g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP288_0.1	21-No14100	not provided	Approximate Sample 581g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP287_0.1	21-No14102	not provided	Approximate Sample 663g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP286_0.1	21-No14104	not provided	Approximate Sample 526g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP285_0.1	21-No14106	not provided	Approximate Sample 546g Sample consisted of: Brown coarse-grained clayey-sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP284_0.1	21-No14108	not provided	Approximate Sample 524g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP283_0.1	21-No14110	not provided	Approximate Sample 588g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP282_0.3	21-No14113	not provided	Approximate Sample 48g Sample consisted of: Brown fine-grained clayey soil	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP273_0.3	21-No14115	not provided	Approximate Sample 46g Sample consisted of: Brown fine-grained clayey soil	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP274_0.3	21-No14117	not provided	Approximate Sample 44g Sample consisted of: Brown fine-grained clayey soil	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP275_0.3	21-No14119	not provided	Approximate Sample 48g Sample consisted of: Brown fine-grained clayey soil	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP276_0.3	21-No14121	not provided	Approximate Sample 46g Sample consisted of: Brown fine-grained clayey soil	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 15, 2021	Indefinite

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Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

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Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
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Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

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Project Name: Bradfield City Centre
Project ID: 0571466

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Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	AI_TP296_0.1	Not Provided		Soil	S21-No14092	X	X	X	X	X
2	AI_TP296_0.3	Not Provided		Soil	S21-No14093		X	X	X	X
3	AI_TP297_0.1	Not Provided		Soil	S21-No14094	X	X	X	X	X
4	AI_TP297_0.3	Not Provided		Soil	S21-No14095		X	X	X	X
5	AI_TP298_0.1	Not Provided		Soil	S21-No14096	X	X	X	X	X
6	AI_TP298_0.3	Not Provided		Soil	S21-No14097		X	X	X	X
7	AI_TP289_0.1	Not Provided		Soil	S21-No14098	X	X	X	X	X
8	AI_TP289_0.8	Not Provided		Soil	S21-No14099		X	X	X	X
9	AI_TP288_0.1	Not Provided		Soil	S21-No14100	X	X	X	X	X

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Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
10	AI_TP288_0.3	Not Provided		Soil	S21-No14101		X	X	X	X
11	AI_TP287_0.1	Not Provided		Soil	S21-No14102	X	X	X	X	X
12	AI_TP287_0.3	Not Provided		Soil	S21-No14103		X	X	X	X
13	AI_TP286_0.1	Not Provided		Soil	S21-No14104	X	X	X	X	X
14	AI_TP286_0.3	Not Provided		Soil	S21-No14105		X	X	X	X
15	AI_TP285_0.1	Not Provided		Soil	S21-No14106	X	X	X	X	X
16	AI_TP285_0.3	Not Provided		Soil	S21-No14107		X	X	X	X
17	AI_TP284_0.1	Not Provided		Soil	S21-No14108	X	X	X	X	X
18	AI_TP284_0.3	Not Provided		Soil	S21-No14109		X	X	X	X
19	AI_TP283_0.1	Not Provided		Soil	S21-No14110	X	X	X	X	X
20	AI_TP283_0.3	Not Provided		Soil	S21-No14111		X	X	X	X

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21	AI_TP282_0.1	Not Provided		Soil	S21-No14112		X	X	X	X
22	AI_TP282_0.3	Not Provided		Soil	S21-No14113	X	X	X	X	X
23	AI_TP273_0.1	Not Provided		Soil	S21-No14114		X	X	X	X
24	AI_TP273_0.3	Not Provided		Soil	S21-No14115	X	X	X	X	X
25	AI_TP274_0.1	Not Provided		Soil	S21-No14116		X	X	X	X
26	AI_TP274_0.3	Not Provided		Soil	S21-No14117	X	X	X	X	X
27	AI_TP275_0.1	Not Provided		Soil	S21-No14118		X	X	X	X
28	AI_TP275_0.3	Not Provided		Soil	S21-No14119	X	X	X	X	X
29	AI_TP276_0.1	Not Provided		Soil	S21-No14120		X	X	X	X
30	AI_TP276_0.3	Not Provided		Soil	S21-No14121	X	X	X	X	X
Test Counts						15	30	30	30	30

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

21-No14113 to 21-No14121: The samples received were not collected in an approved asbestos bag and was therefore sub-sampled from the 250mL glass jar. Valid sub-sampling procedures were applied so as to ensure that the sub-samples to be analysed accurately represented the samples received.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Sayeed Abu	Senior Analyst-Asbestos (NSW)
Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)
Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Attention: **Nicholas Grbich**

Report **838531-S-V2**
Project name Bradfield City Centre
Project ID 0571466
Received Date Nov 05, 2021

Client Sample ID			**AI_TP296_0.1**	**AI_TP296_0.3**	**AI_TP297_0.1**	**AI_TP297_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14092**	**S21-No14093**	**S21-No14094**	**S21-No14095**
Date Sampled			**Not Provided**[I12]	**Not Provided**[I12]	**Not Provided**[I12]	**Not Provided**[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	94	83	71	91
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP296_0.1	AI_TP296_0.3	AI_TP297_0.1	AI_TP297_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14092	S21-No14093	S21-No14094	S21-No14095
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	94	83	71	91
Toluene-d8 (surr.)	1	%	84	74	60	77
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Client Sample ID			AI_TP296_0.1	AI_TP296_0.3	AI_TP297_0.1	AI_TP297_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14092	S21-No14093	S21-No14094	S21-No14095
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	128	87	117	93
p-Terphenyl-d14 (surr.)	1	%	117	91	107	94
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	89	69	80	70
Tetrachloro-m-xylene (surr.)	1	%	101	80	90	78

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Client Sample ID			AI_TP296_0.1	AI_TP296_0.3	AI_TP297_0.1	AI_TP297_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14092	S21-No14093	S21-No14094	S21-No14095
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	100	80	90	79
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP296_0.1	AI_TP296_0.3	AI_TP297_0.1	AI_TP297_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14092	S21-No14093	S21-No14094	S21-No14095
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	128	87	117	93
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	119	98	88	97
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP296_0.1	AI_TP296_0.3	AI_TP297_0.1	AI_TP297_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14092	S21-No14093	S21-No14094	S21-No14095
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	133	91	122	97
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	84	80	83	86
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP296_0.1	AI_TP296_0.3	AI_TP297_0.1	AI_TP297_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14092	S21-No14093	S21-No14094	S21-No14095
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	18	14	18	22
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	46	40	26	37
Copper	5	mg/kg	41	42	15	29
Lead	5	mg/kg	42	35	28	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	28	23	9.1	15
Zinc	5	mg/kg	85	76	39	46
% Moisture	1	%	23	25	20	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	102	98	101	100
13C5-PFPeA (surr.)	1	%	117	106	111	103
13C5-PFHxA (surr.)	1	%	103	100	91	101
13C4-PFHpA (surr.)	1	%	102	102	96	100
13C8-PFOA (surr.)	1	%	104	99	101	108
13C5-PFNA (surr.)	1	%	114	111	108	113
13C6-PFDA (surr.)	1	%	123	132	123	125
13C2-PFUnDA (surr.)	1	%	127	125	128	123
13C2-PFDoDA (surr.)	1	%	107	106	106	103
13C2-PFTeDA (surr.)	1	%	82	83	76	74
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	92	89	87	86
D3-N-MeFOSA (surr.)	1	%	90	88	83	91
D5-N-EtFOSA (surr.)	1	%	80	87	71	81
D7-N-MeFOSE (surr.)	1	%	92	94	91	92
D9-N-EtFOSE (surr.)	1	%	81	82	74	81
D5-N-EtFOSAA (surr.)	1	%	102	97	96	92
D3-N-MeFOSAA (surr.)	1	%	101	97	106	103

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Client Sample ID			AI_TP296_0.1	AI_TP296_0.3	AI_TP297_0.1	AI_TP297_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14092	S21-No14093	S21-No14094	S21-No14095
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	95	101	95	96
18O2-PFHxS (surr.)	1	%	98	93	90	100
13C8-PFOS (surr.)	1	%	92	84	96	88
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	110	85	103	99
13C2-6:2 FTSA (surr.)	1	%	121	93	110	107
13C2-8:2 FTSA (surr.)	1	%	97	98	102	104
13C2-10:2 FTSA (surr.)	1	%	107	101	103	104
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	71	95	85
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	87	71	95	85
Toluene-d8 (surr.)	1	%	73	59	86	73
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	112	98	107	101
p-Terphenyl-d14 (surr.)	1	%	104	102	99	103
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	75	71	73	74
Tetrachloro-m-xylene (surr.)	1	%	87	88	85	88
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	86	80	82	86
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	112	98	107	101
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	81	101	79	106
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	113	98	107	106
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	79	90	78	91
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	12	18	15	15
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	36	24	28
Copper	5	mg/kg	17	54	16	34
Lead	5	mg/kg	26	33	29	19
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.8	19	7.2	13
Zinc	5	mg/kg	34	84	37	55
% Moisture	1	%	16	24	11	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	100	105	101	100
13C5-PFPeA (surr.)	1	%	104	118	100	108
13C5-PFHxA (surr.)	1	%	100	110	102	100
13C4-PFHpA (surr.)	1	%	101	98	101	94
13C8-PFOA (surr.)	1	%	99	102	107	99
13C5-PFNA (surr.)	1	%	112	124	111	116
13C6-PFDA (surr.)	1	%	126	124	127	126

DRAFT

Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	130	142	126	123
13C2-PFDoDA (surr.)	1	%	107	110	109	108
13C2-PFTeDA (surr.)	1	%	75	77	75	75
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	88	89	90	88
D3-N-MeFOSA (surr.)	1	%	91	91	86	93
D5-N-EtFOSA (surr.)	1	%	85	81	83	83
D7-N-MeFOSE (surr.)	1	%	90	90	89	104
D9-N-EtFOSE (surr.)	1	%	80	82	77	85
D5-N-EtFOSAA (surr.)	1	%	105	106	99	89
D3-N-MeFOSAA (surr.)	1	%	104	99	105	83
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	99	100	91	104
18O2-PFHxS (surr.)	1	%	95	101	93	92
13C8-PFOS (surr.)	1	%	90	86	88	88
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	104	113	106	103
13C2-6:2 FTSA (surr.)	1	%	117	94	117	121
13C2-8:2 FTSA (surr.)	1	%	103	101	104	110
13C2-10:2 FTSA (surr.)	1	%	96	96	84	92

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Client Sample ID			AI_TP298_0.1	AI_TP298_0.3	AI_TP289_0.1	AI_TP289_0.8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14096	S21-No14097	S21-No14098	S21-No14099
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	64	86	95	83
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	64	86	95	83
Toluene-d8 (surr.)	1	%	54	71	79	70
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	108	115	88
p-Terphenyl-d14 (surr.)	1	%	97	101	104	94
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	72	72	73	65
Tetrachloro-m-xylene (surr.)	1	%	82	86	89	81

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Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	81	84	87	76
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	108	115	88
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	91	105	84	85
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	108	109	115	91
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	80	95	84	84
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	18	13	9.8	9.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	29	26	17	19
Copper	5	mg/kg	16	24	14	22
Lead	5	mg/kg	26	17	20	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.1	11	8.1	9.8
Zinc	5	mg/kg	26	35	20	34
% Moisture	1	%	15	18	16	7.3
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	101	103	98	97
13C5-PFPeA (surr.)	1	%	102	106	102	103
13C5-PFHxA (surr.)	1	%	100	102	92	101
13C4-PFHpA (surr.)	1	%	106	101	96	91
13C8-PFOA (surr.)	1	%	99	109	103	102
13C5-PFNA (surr.)	1	%	119	119	113	113
13C6-PFDA (surr.)	1	%	120	131	122	123
13C2-PFUnDA (surr.)	1	%	130	133	126	128
13C2-PFDoDA (surr.)	1	%	109	105	110	112
13C2-PFTeDA (surr.)	1	%	79	79	70	78
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	85	95	93
D3-N-MeFOSA (surr.)	1	%	89	87	90	91
D5-N-EtFOSA (surr.)	1	%	84	79	79	84
D7-N-MeFOSE (surr.)	1	%	94	82	93	89
D9-N-EtFOSE (surr.)	1	%	84	82	80	89
D5-N-EtFOSAA (surr.)	1	%	102	93	106	94
D3-N-MeFOSAA (surr.)	1	%	102	102	107	94

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Client Sample ID			AI_TP288_0.1	AI_TP288_0.3	AI_TP287_0.1	AI_TP287_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14100	S21-No14101	S21-No14102	S21-No14103
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	98	97	97
18O2-PFHxS (surr.)	1	%	96	93	96	100
13C8-PFOS (surr.)	1	%	86	83	88	87
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	110	103	109	87
13C2-6:2 FTSA (surr.)	1	%	112	112	110	104
13C2-8:2 FTSA (surr.)	1	%	97	104	102	108
13C2-10:2 FTSA (surr.)	1	%	100	107	98	90
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	83	77	76	74
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	83	77	76	74
Toluene-d8 (surr.)	1	%	70	67	66	60
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	102	102	100
p-Terphenyl-d14 (surr.)	1	%	97	100	100	112
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	70	73	77	83
Tetrachloro-m-xylene (surr.)	1	%	83	85	83	93
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	80	84	83	90
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	102	102	100
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	77	97	91	104
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	114	106	109	97
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	80	91	81	101
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	7.3	10	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	17	20	22
Copper	5	mg/kg	16	22	29	36
Lead	5	mg/kg	23	10	24	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	8.2	18	8.9
Zinc	5	mg/kg	30	29	62	34
% Moisture	1	%	16	15	22	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	103	94	101	97
13C5-PFPeA (surr.)	1	%	99	101	103	95
13C5-PFHxA (surr.)	1	%	103	99	102	101
13C4-PFHpA (surr.)	1	%	101	92	96	99
13C8-PFOA (surr.)	1	%	105	101	99	99
13C5-PFNA (surr.)	1	%	116	111	114	117
13C6-PFDA (surr.)	1	%	123	128	117	130

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	125	116	126	129
13C2-PFDoDA (surr.)	1	%	105	108	110	112
13C2-PFTeDA (surr.)	1	%	85	74	81	74
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	88	85	86	90
D3-N-MeFOSA (surr.)	1	%	91	92	89	80
D5-N-EtFOSA (surr.)	1	%	40	83	37	84
D7-N-MeFOSE (surr.)	1	%	89	102	96	89
D9-N-EtFOSE (surr.)	1	%	77	86	80	76
D5-N-EtFOSAA (surr.)	1	%	100	105	106	93
D3-N-MeFOSAA (surr.)	1	%	106	98	108	89
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	100	103	101	94
18O2-PFHxS (surr.)	1	%	94	96	96	92
13C8-PFOS (surr.)	1	%	84	79	91	79
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	108	87	113	93
13C2-6:2 FTSA (surr.)	1	%	135	92	111	103
13C2-8:2 FTSA (surr.)	1	%	98	108	110	99
13C2-10:2 FTSA (surr.)	1	%	95	91	100	94

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Client Sample ID			AI_TP286_0.1	AI_TP286_0.3	AI_TP285_0.1	AI_TP285_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14104	S21-No14105	S21-No14106	S21-No14107
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	86	83	99	102
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	86	83	99	102
Toluene-d8 (surr.)	1	%	76	66	89	88
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	102	108	102
p-Terphenyl-d14 (surr.)	1	%	106	97	101	95
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	75	70	74	72
Tetrachloro-m-xylene (surr.)	1	%	87	81	83	83

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Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	87	79	80	81
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	102	108	102
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	98	86	78	82
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	118	107	113	106
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	84	88	79	88
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	14	15	7.8	3.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	23	25	16	7.8
Copper	5	mg/kg	19	28	11	10
Lead	5	mg/kg	24	19	17	8.1
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	14	7.6	5.4
Zinc	5	mg/kg	34	50	22	19
% Moisture	1	%	16	18	13	15
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	101	106	103	103
13C5-PFPeA (surr.)	1	%	102	99	117	101
13C5-PFHxA (surr.)	1	%	101	96	107	98
13C4-PFHpA (surr.)	1	%	99	100	96	101
13C8-PFOA (surr.)	1	%	104	96	103	103
13C5-PFNA (surr.)	1	%	119	115	117	121
13C6-PFDA (surr.)	1	%	118	127	122	128
13C2-PFUnDA (surr.)	1	%	132	132	138	132
13C2-PFDoDA (surr.)	1	%	103	115	112	114
13C2-PFTeDA (surr.)	1	%	76	78	78	79
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	87	94	96	90
D3-N-MeFOSA (surr.)	1	%	89	94	85	94
D5-N-EtFOSA (surr.)	1	%	81	80	86	85
D7-N-MeFOSE (surr.)	1	%	96	91	99	106
D9-N-EtFOSE (surr.)	1	%	82	87	80	85
D5-N-EtFOSAA (surr.)	1	%	107	98	106	106
D3-N-MeFOSAA (surr.)	1	%	102	87	99	100

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Client Sample ID			AI_TP284_0.1	AI_TP284_0.3	AI_TP283_0.1	AI_TP283_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14108	S21-No14109	S21-No14110	S21-No14111
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	102	101	105	105
18O2-PFHxS (surr.)	1	%	92	93	95	96
13C8-PFOS (surr.)	1	%	80	87	83	86
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	107	98	121	103
13C2-6:2 FTSA (surr.)	1	%	112	105	110	110
13C2-8:2 FTSA (surr.)	1	%	110	112	104	105
13C2-10:2 FTSA (surr.)	1	%	96	106	103	103
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	94	96	88	92
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	94	96	88	92
Toluene-d8 (surr.)	1	%	91	106	89	95
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	113	80	107	114
p-Terphenyl-d14 (surr.)	1	%	102	100	100	111
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	74	69	78	91
Tetrachloro-m-xylene (surr.)	1	%	87	83	81	96
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	84	79	85	97
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	113	80	107	114
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	83	96	90	107
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	118	89	115	116
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	83	89	68	95
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	7.3	9.0	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	23	24	13	18
Copper	5	mg/kg	29	30	15	22
Lead	5	mg/kg	25	16	19	18
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	17	17	6.1	7.0
Zinc	5	mg/kg	45	56	46	27
% Moisture	1	%	15	19	30	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	103	128	121	129
13C5-PFPeA (surr.)	1	%	110	142	146	142
13C5-PFHxA (surr.)	1	%	101	105	113	111
13C4-PFHpA (surr.)	1	%	102	132	136	134
13C8-PFOA (surr.)	1	%	100	127	131	119
13C5-PFNA (surr.)	1	%	123	112	124	116
13C6-PFDA (surr.)	1	%	127	131	130	122

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	129	98	118	101
13C2-PFDoDA (surr.)	1	%	105	96	106	96
13C2-PFTeDA (surr.)	1	%	84	111	104	95
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	92	126	133	123
D3-N-MeFOSA (surr.)	1	%	89	85	74	78
D5-N-EtFOSA (surr.)	1	%	89	104	88	95
D7-N-MeFOSE (surr.)	1	%	97	93	77	73
D9-N-EtFOSE (surr.)	1	%	86	100	85	91
D5-N-EtFOSAA (surr.)	1	%	102	78	122	90
D3-N-MeFOSAA (surr.)	1	%	100	82	103	93
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	99	115	116	110
18O2-PFHxS (surr.)	1	%	94	120	108	127
13C8-PFOS (surr.)	1	%	85	139	131	127
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	102	100	150	139
13C2-6:2 FTSA (surr.)	1	%	106	92	177	183
13C2-8:2 FTSA (surr.)	1	%	110	74	114	115
13C2-10:2 FTSA (surr.)	1	%	97	126	150	116

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Client Sample ID			AI_TP282_0.1	AI_TP282_0.3	AI_TP273_0.1	AI_TP273_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14112	S21-No14113	S21-No14114	S21-No14115
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	91	95	90
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	91	95	90
Toluene-d8 (surr.)	1	%	94	95	98	93
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1

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Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
2-Fluorobiphenyl (surr.)	1	%	111	85	117	INT
p-Terphenyl-d14 (surr.)	1	%	103	105	113	101
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	90	86	93	82
Tetrachloro-m-xylene (surr.)	1	%	90	87	94	85

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Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	90	91	96	84
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	111	85	117	INT
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	88	112	105	104
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	121	94	122	52
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	67	90	78	84
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	8.7	12	9.2	10.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	28	21	29
Copper	5	mg/kg	18	29	16	31
Lead	5	mg/kg	24	21	23	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.7	15	12	15
Zinc	5	mg/kg	49	57	35	52
% Moisture	1	%	23	25	19	27
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	127	130	132	134
13C5-PFPeA (surr.)	1	%	131	143	138	146
13C5-PFHxA (surr.)	1	%	100	105	112	119
13C4-PFHpA (surr.)	1	%	129	124	126	131
13C8-PFOA (surr.)	1	%	128	131	127	124
13C5-PFNA (surr.)	1	%	109	117	123	121
13C6-PFDA (surr.)	1	%	122	130	126	128
13C2-PFUnDA (surr.)	1	%	109	101	111	107
13C2-PFDoDA (surr.)	1	%	100	106	108	107
13C2-PFTeDA (surr.)	1	%	93	104	96	113
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	119	121	130	129
D3-N-MeFOSA (surr.)	1	%	70	79	78	75
D5-N-EtFOSA (surr.)	1	%	81	89	93	98
D7-N-MeFOSE (surr.)	1	%	80	101	72	88
D9-N-EtFOSE (surr.)	1	%	85	97	102	103
D5-N-EtFOSAA (surr.)	1	%	117	86	95	103
D3-N-MeFOSAA (surr.)	1	%	104	81	93	90

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Client Sample ID			AI_TP274_0.1	AI_TP274_0.3	AI_TP275_0.1	AI_TP275_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14116	S21-No14117	S21-No14118	S21-No14119
Date Sampled			Not Provided[I12]	Not Provided[I12]	Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	106	130	112	132
18O2-PFHxS (surr.)	1	%	114	124	123	129
13C8-PFOS (surr.)	1	%	123	133	129	146
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	161	93	114	119
13C2-6:2 FTSA (surr.)	1	%	137	79	82	76
13C2-8:2 FTSA (surr.)	1	%	94	96	98	108
13C2-10:2 FTSA (surr.)	1	%	187	142	159	110
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
BTEX				
Benzene	0.1	mg/kg	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	76
Volatile Organics				
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
Volatile Organics				
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3

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Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
Volatile Organics				
Total MAH*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	76
Toluene-d8 (surr.)	1	%	96	76
Total Recoverable Hydrocarbons				
TRH C6-C9	20	mg/kg	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	98
p-Terphenyl-d14 (surr.)	1	%	99	100
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05

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Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
Organochlorine Pesticides				
b-HCH	0.05	mg/kg	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	86	88
Tetrachloro-m-xylene (surr.)	1	%	84	85
Organophosphorus Pesticides				
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2

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Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
Organophosphorus Pesticides				
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	87	94
Semivolatile Organics				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	98
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	78	100
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1

DRAFT

Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
Semivolatile Organics				
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5

DRAFT

Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
Semivolatile Organics				
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	111	111
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	65	91
Pronamide	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5
Heavy Metals				
Arsenic	2	mg/kg	7.1	9.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4
Chromium	5	mg/kg	19	31
Copper	5	mg/kg	23	38
Lead	5	mg/kg	25	24
Mercury	0.1	mg/kg	< 0.1	< 0.1
Nickel	5	mg/kg	22	18
Zinc	5	mg/kg	54	70
% Moisture	1	%	22	16
Perfluoroalkyl carboxylic acids (PFCAs)				
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5
13C4-PFBA (surr.)	1	%	130	133
13C5-PFPeA (surr.)	1	%	140	135
13C5-PFHxA (surr.)	1	%	107	114
13C4-PFHpA (surr.)	1	%	129	137
13C8-PFOA (surr.)	1	%	130	128
13C5-PFNA (surr.)	1	%	119	116
13C6-PFDA (surr.)	1	%	139	124

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Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
Perfluoroalkyl carboxylic acids (PFCAs)				
13C2-PFUnDA (surr.)	1	%	114	108
13C2-PFDoDA (surr.)	1	%	104	104
13C2-PFTeDA (surr.)	1	%	108	106
Perfluoroalkyl sulfonamido substances				
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10
13C8-FOSA (surr.)	1	%	126	126
D3-N-MeFOSA (surr.)	1	%	71	80
D5-N-EtFOSA (surr.)	1	%	76	92
D7-N-MeFOSE (surr.)	1	%	63	70
D9-N-EtFOSE (surr.)	1	%	76	84
D5-N-EtFOSAA (surr.)	1	%	107	87
D3-N-MeFOSAA (surr.)	1	%	110	80
Perfluoroalkyl sulfonic acids (PFSAs)				
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5
13C3-PFBS (surr.)	1	%	110	149
18O2-PFHxS (surr.)	1	%	127	132
13C8-PFOS (surr.)	1	%	124	133
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	INT	93
13C2-6:2 FTSA (surr.)	1	%	137	109
13C2-8:2 FTSA (surr.)	1	%	105	82
13C2-10:2 FTSA (surr.)	1	%	188	136

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Client Sample ID			AI_TP276_0.1	AI_TP276_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14120	S21-No14121
Date Sampled			Not Provided[I12]	Not Provided[I12]
Test/Reference	LOR	Unit		
PFASs Summations				
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 15, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 15, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 15, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 07, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
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NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838531
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	AI_TP296_0.1	Not Provided		Soil	S21-No14092	X	X	X	X	X
2	AI_TP296_0.3	Not Provided		Soil	S21-No14093		X	X	X	X
3	AI_TP297_0.1	Not Provided		Soil	S21-No14094	X	X	X	X	X
4	AI_TP297_0.3	Not Provided		Soil	S21-No14095		X	X	X	X
5	AI_TP298_0.1	Not Provided		Soil	S21-No14096	X	X	X	X	X
6	AI_TP298_0.3	Not Provided		Soil	S21-No14097		X	X	X	X
7	AI_TP289_0.1	Not Provided		Soil	S21-No14098	X	X	X	X	X
8	AI_TP289_0.8	Not Provided		Soil	S21-No14099		X	X	X	X
9	AI_TP288_0.1	Not Provided		Soil	S21-No14100	X	X	X	X	X

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Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
10	AI_TP288_0.3	Not Provided		Soil	S21-No14101		X	X	X	X
11	AI_TP287_0.1	Not Provided		Soil	S21-No14102	X	X	X	X	X
12	AI_TP287_0.3	Not Provided		Soil	S21-No14103		X	X	X	X
13	AI_TP286_0.1	Not Provided		Soil	S21-No14104	X	X	X	X	X
14	AI_TP286_0.3	Not Provided		Soil	S21-No14105		X	X	X	X
15	AI_TP285_0.1	Not Provided		Soil	S21-No14106	X	X	X	X	X
16	AI_TP285_0.3	Not Provided		Soil	S21-No14107		X	X	X	X
17	AI_TP284_0.1	Not Provided		Soil	S21-No14108	X	X	X	X	X
18	AI_TP284_0.3	Not Provided		Soil	S21-No14109		X	X	X	X
19	AI_TP283_0.1	Not Provided		Soil	S21-No14110	X	X	X	X	X
20	AI_TP283_0.3	Not Provided		Soil	S21-No14111		X	X	X	X

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Report #: 838531
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Priority: 5 Day
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Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
21	AI_TP282_0.1	Not Provided		Soil	S21-No14112		X	X	X	X
22	AI_TP282_0.3	Not Provided		Soil	S21-No14113	X	X	X	X	X
23	AI_TP273_0.1	Not Provided		Soil	S21-No14114		X	X	X	X
24	AI_TP273_0.3	Not Provided		Soil	S21-No14115	X	X	X	X	X
25	AI_TP274_0.1	Not Provided		Soil	S21-No14116		X	X	X	X
26	AI_TP274_0.3	Not Provided		Soil	S21-No14117	X	X	X	X	X
27	AI_TP275_0.1	Not Provided		Soil	S21-No14118		X	X	X	X
28	AI_TP275_0.3	Not Provided		Soil	S21-No14119	X	X	X	X	X
29	AI_TP276_0.1	Not Provided		Soil	S21-No14120		X	X	X	X
30	AI_TP276_0.3	Not Provided		Soil	S21-No14121	X	X	X	X	X
Test Counts						15	30	30	30	30

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	110			70-130	Pass	
Toluene	%	99			70-130	Pass	
Ethylbenzene	%	100			70-130	Pass	
m&p-Xylenes	%	107			70-130	Pass	
o-Xylene	%	105			70-130	Pass	
Xylenes - Total*	%	106			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	71			70-130	Pass	
1.1.1-Trichloroethane	%	88			70-130	Pass	
1.2-Dichlorobenzene	%	95			70-130	Pass	
1.2-Dichloroethane	%	93			70-130	Pass	
Trichloroethene	%	89			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	89			70-130	Pass	
TRH C10-C14	%	72			70-130	Pass	
Naphthalene	%	99			70-130	Pass	
TRH C6-C10	%	93			70-130	Pass	
TRH >C10-C16	%	70			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	98			70-130	Pass	
Acenaphthylene	%	82			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Anthracene	%	74			70-130	Pass	
Benz(a)anthracene	%	81			70-130	Pass	
Benzo(a)pyrene	%	83			70-130	Pass	
Benzo(b&j)fluoranthene	%	86			70-130	Pass	
Benzo(g.h.i)perylene	%	87			70-130	Pass	
Benzo(k)fluoranthene	%	82			70-130	Pass	
Chrysene	%	72			70-130	Pass	
Dibenz(a.h)anthracene	%	82			70-130	Pass	
Fluoranthene	%	80			70-130	Pass	
Fluorene	%	88			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	83			70-130	Pass	
Naphthalene	%	84			70-130	Pass	
Phenanthrene	%	98			70-130	Pass	
Pyrene	%	92			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	83			70-130	Pass	
4.4'-DDD	%	81			70-130	Pass	
4.4'-DDE	%	86			70-130	Pass	
4.4'-DDT	%	88			70-130	Pass	
a-HCH	%	79			70-130	Pass	
Aldrin	%	87			70-130	Pass	
b-HCH	%	83			70-130	Pass	
d-HCH	%	83			70-130	Pass	
Dieldrin	%	78			70-130	Pass	
Endosulfan I	%	79			70-130	Pass	
Endosulfan II	%	84			70-130	Pass	
Endosulfan sulphate	%	79			70-130	Pass	
Endrin	%	108			70-130	Pass	
Endrin aldehyde	%	75			70-130	Pass	
Endrin ketone	%	72			70-130	Pass	
g-HCH (Lindane)	%	83			70-130	Pass	
Heptachlor	%	98			70-130	Pass	
Heptachlor epoxide	%	81			70-130	Pass	
Hexachlorobenzene	%	87			70-130	Pass	
Methoxychlor	%	110			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	100			70-130	Pass	
Dimethoate	%	102			70-130	Pass	
Ethion	%	123			70-130	Pass	
Fenitrothion	%	100			70-130	Pass	
Methyl parathion	%	119			70-130	Pass	
Mevinphos	%	116			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
1.2.4-Trichlorobenzene	%	95			70-130	Pass	
1.4-Dichlorobenzene	%	96			70-130	Pass	
2-Chlorophenol	%	85			25-140	Pass	
2.4-Dinitrotoluene	%	89			70-130	Pass	
4-Chloro-3-methylphenol	%	74			25-140	Pass	
4-Nitrophenol	%	84			25-140	Pass	
Acenaphthene	%	108			70-130	Pass	
N-Nitrosodipropylamine	%	91			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Phenol	%	80			25-140	Pass	
Pyrene	%	100			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	99			80-120	Pass	
Cadmium	%	105			80-120	Pass	
Chromium	%	100			80-120	Pass	
Copper	%	99			80-120	Pass	
Lead	%	98			80-120	Pass	
Mercury	%	100			80-120	Pass	
Nickel	%	100			80-120	Pass	
Zinc	%	96			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	97			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	97			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	115			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	84			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	82			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	95			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	80			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	102			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	118			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	77			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	88			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	77			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	105			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	76			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	74			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	79			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	96			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	95			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	96			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	112			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	111			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	82			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	121			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	114			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	86			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	92			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	116			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	81			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	122			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No27972	NCP	%	87			70-130	Pass	
TRH C10-C14	S21-No14092	CP	%	130			70-130	Pass	
TRH C6-C10	S21-No27972	NCP	%	95			70-130	Pass	
TRH >C10-C16	S21-No14092	CP	%	130			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No14147	NCP	%	103			70-130	Pass	
Pyrene	S21-No14147	NCP	%	102			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No14147	NCP	%	81			70-130	Pass	
4.4'-DDD	S21-No14147	NCP	%	88			70-130	Pass	
4.4'-DDE	S21-No14147	NCP	%	88			70-130	Pass	
4.4'-DDT	S21-No14147	NCP	%	76			70-130	Pass	
a-HCH	S21-No14147	NCP	%	82			70-130	Pass	
Aldrin	S21-No14147	NCP	%	88			70-130	Pass	
b-HCH	S21-No14147	NCP	%	83			70-130	Pass	
d-HCH	S21-No14147	NCP	%	83			70-130	Pass	
Dieldrin	S21-No14147	NCP	%	82			70-130	Pass	
Endosulfan I	S21-No14147	NCP	%	83			70-130	Pass	
Endosulfan II	S21-No14147	NCP	%	90			70-130	Pass	
Endosulfan sulphate	S21-No14147	NCP	%	75			70-130	Pass	
Endrin	S21-No14147	NCP	%	78			70-130	Pass	
Endrin ketone	S21-No14147	NCP	%	73			70-130	Pass	
g-HCH (Lindane)	S21-No14147	NCP	%	86			70-130	Pass	
Heptachlor	S21-No14147	NCP	%	98			70-130	Pass	
Heptachlor epoxide	S21-No14147	NCP	%	82			70-130	Pass	
Hexachlorobenzene	S21-No14147	NCP	%	89			70-130	Pass	
Methoxychlor	S21-No14147	NCP	%	102			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No14147	NCP	%	122			70-130	Pass	
Dimethoate	S21-No14147	NCP	%	127			70-130	Pass	
Ethion	S21-No14133	NCP	%	130			70-130	Pass	
Fenitrothion	S21-No14133	NCP	%	118			70-130	Pass	
Mevinphos	S21-No14133	NCP	%	120			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Nitrophenol	S21-No14133	NCP	%	74			30-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No14100	CP	%	89			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14100	CP	%	86			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14100	CP	%	103			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14100	CP	%	87			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14100	CP	%	97			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No14100	CP	%	88			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14100	CP	%	94			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14100	CP	%	92			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14100	CP	%	94			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorotridecanoic acid (PFTrDA)	S21-No14100	CP	%	108			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14100	CP	%	105			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No14100	CP	%	98			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14100	CP	%	111			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14100	CP	%	112			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14100	CP	%	99			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14100	CP	%	92			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14100	CP	%	90			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14100	CP	%	80			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No14100	CP	%	85			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14100	CP	%	99			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14100	CP	%	92			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14100	CP	%	82			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14100	CP	%	92			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14100	CP	%	89			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14100	CP	%	94			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14100	CP	%	92			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14100	CP	%	99			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14100	CP	%	91			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14100	CP	%	104			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14100	CP	%	95			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14104	CP	%	90			75-125	Pass	
Cadmium	S21-No14104	CP	%	92			75-125	Pass	
Chromium	S21-No14104	CP	%	89			75-125	Pass	
Copper	S21-No14104	CP	%	90			75-125	Pass	
Lead	S21-No14104	CP	%	87			75-125	Pass	
Mercury	S21-No14104	CP	%	99			75-125	Pass	
Nickel	S21-No14104	CP	%	90			75-125	Pass	
Zinc	S21-No14104	CP	%	85			75-125	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S21-No31287	NCP	%	87			70-130	Pass	
1.1.1-Trichloroethane	S21-No31287	NCP	%	82			70-130	Pass	
1.2-Dichlorobenzene	S21-No31287	NCP	%	93			70-130	Pass	
1.2-Dichloroethane	S21-No31287	NCP	%	104			70-130	Pass	
Trichloroethene	S21-No31287	NCP	%	87			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No14111	CP	%	79			70-130	Pass	
Toluene	S21-No14111	CP	%	86			70-130	Pass	
Ethylbenzene	S21-No14111	CP	%	84			70-130	Pass	
m&p-Xylenes	S21-No14111	CP	%	83			70-130	Pass	
o-Xylene	S21-No14111	CP	%	85			70-130	Pass	
Xylenes - Total*	S21-No14111	CP	%	84			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No14111	CP	%	87			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14141	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
g-HCH (Lindane)	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14141	NCP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14141	NCP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14141	NCP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14141	NCP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14141	NCP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.3.5-Trichlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14141	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14141	NCP	mg/kg	< 2.5	< 2.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14141	NCP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14141	NCP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14141	NCP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14141	NCP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endrin	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14141	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenol	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14141	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14093	CP	mg/kg	14	10	31	30%	Fail	Q15
Cadmium	S21-No14093	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14093	CP	mg/kg	40	30	30	30%	Pass	
Copper	S21-No14093	CP	mg/kg	42	43	2.0	30%	Pass	
Lead	S21-No14093	CP	mg/kg	35	21	48	30%	Fail	Q15
Mercury	S21-No14093	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14093	CP	mg/kg	23	20	15	30%	Pass	
Zinc	S21-No14093	CP	mg/kg	76	69	11	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14096	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14096	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14096	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14096	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14096	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14096	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14097	CP	%	24	22	10	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14099	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14099	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14099	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14099	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14099	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14099	CP	mg/kg	< 100	< 100	<1	30%	Pass	

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Duplicate								
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD		
Perfluorobutanoic acid (PFBA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanoic acid (PFPeA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanoic acid (PFHxA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanoic acid (PFHpA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanoic acid (PFOA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanoic acid (PFNA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanoic acid (PFDA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroundecanoic acid (PFUnDA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorododecanoic acid (PFDoDA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotridecanoic acid (PFTrDA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotetradecanoic acid (PFTeDA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD		
Perfluorooctane sulfonamide (FOSA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14099	CP	ug/kg	< 10	< 10	<1	30%	Pass
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14099	CP	ug/kg	< 10	< 10	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD		
Perfluorobutanesulfonic acid (PFBS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanesulfonic acid (PFNS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropropanesulfonic acid (PFPrS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanesulfonic acid (PFPeS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanesulfonic acid (PFHxS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanesulfonic acid (PFOS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanesulfonic acid (PFDS)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD		
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14099	CP	ug/kg	< 10	< 10	<1	30%	Pass
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14099	CP	ug/kg	< 5	< 5	<1	30%	Pass

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14103	CP	mg/kg	9.1	7.2	23	30%	Pass	
Cadmium	S21-No14103	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14103	CP	mg/kg	19	17	11	30%	Pass	
Copper	S21-No14103	CP	mg/kg	22	20	6.0	30%	Pass	
Lead	S21-No14103	CP	mg/kg	16	15	5.0	30%	Pass	
Mercury	S21-No14103	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14103	CP	mg/kg	9.8	9.7	1.0	30%	Pass	
Zinc	S21-No14103	CP	mg/kg	34	34	3.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14107	CP	%	20	20	1.0	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14110	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14110	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14110	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14110	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14110	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14110	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
cis-1.3-Dichloropropene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14110	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14110	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14110	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14112	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14112	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14112	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14112	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14113	CP	mg/kg	7.3	8.1	11	30%	Pass	
Cadmium	S21-No14113	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14113	CP	mg/kg	24	25	5.0	30%	Pass	
Copper	S21-No14113	CP	mg/kg	30	31	2.0	30%	Pass	
Lead	S21-No14113	CP	mg/kg	16	22	30	30%	Pass	
Mercury	S21-No14113	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14113	CP	mg/kg	17	18	6.0	30%	Pass	
Zinc	S21-No14113	CP	mg/kg	56	60	6.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14116	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14116	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14116	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14116	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14116	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14116	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14117	CP	%	25	24	3.0	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14118	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14118	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14118	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14118	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14118	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14118	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14118	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14118	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14118	CP	mg/kg	< 20	< 20	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
I12	Where sampling date has not been provided, Eurofins | Environment Testing is not able to determine whether analysis has been performed within recommended holding times.
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP277_0.1	29/10/21	S	X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP277_0.3	29/10/21	S		X									**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP278_0.1	29/10/21	S	X										
4	TP278_0.3	29/10/21	S		X									
5	TP279_0.1	29/10/21	S	X										
6	TP279_0.3	29/10/21	S		X									
7	TP280_0.1	29/10/21	S	X										
8	TP280_0.3	29/10/21	S		X									
9	TP281_0.1	29/10/21	S	X										
10	TP281_0.3	29/10/21	S		X									
	Total Counts			5	5									

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature	Date 11/1/2021	Time

Laboratory Use Only	Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 5/11/21	Time 2:31	Temperature	5.4
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report №	838532

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP266_0.1	29/10/21	S	X										
12	TP266_0.3	29/10/21	S		X									
13	TP267_0.1	29/10/21	S	X										
14	TP267_0.3	29/10/21	S		X									
15	TP268_0.1	29/10/21	S	X										
16	TP268_0.3	29/10/21	S		X									
17	TP269_0.1	29/10/21	S	X										
18	TP269_0.3	29/10/21	S		X									
19	TP270_0.1	29/10/21	S	X										
20	TP270_0.3	29/10/21	S		X									
	Total Counts			5	5									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal — Name — Signature — Date — Time

Laboratory Use Only

Received By	NC	SYD / BNE / MEL / PER / ADL / NTL / DRW	Signature		Date	5/11/21	Time	2:51PM
Received By		SYD / BNE / MEL / PER / ADL / NTL / DRW	Signature		Date		Time	

Temperature: 5.4

Report № 838532

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP271_0.1	29/10/21	S		X										
22	TP271_0.3	29/10/21	S	X											
23	TP272_0.1	29/10/21	S		X										
24	TP272_0.3	29/10/21	S	X											
25	TP265_0.1	29/10/21	S		X										
26	TP265_0.3	29/10/21	S	X											
27	TP264_0.1	29/10/21	S		X										
28	TP264_0.3	29/10/21	S	X											
29	TP263_0.1	29/10/21	S		X										
30	TP263_0.3	29/10/21	S	X											
	Total Counts			5	5										

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time | Temperature

Laboratory Use Only									
Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11/21	Time	2-51	Temperature 5.4
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 838532

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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www.eurofins.com.au EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
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NATA # 1261 Site # 18217

Brisbane
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NATA # 1261 Site # 20794

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Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

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NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
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Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	Bradfield City Centre
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 5, 2021 2:51 PM
Eurofins reference	838532

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838532
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	AI_TP277_0.1	Oct 29, 2021		Soil	S21-No14122	X	X	X	X	X	
2	AI_TP277_0.3	Oct 29, 2021		Soil	S21-No14123		X	X	X	X	
3	AI_TP278_0.1	Oct 29, 2021		Soil	S21-No14124	X	X	X	X	X	
4	AI_TP278_0.3	Oct 29, 2021		Soil	S21-No14125		X	X	X	X	
5	AI_TP279_0.1	Oct 29, 2021		Soil	S21-No14126	X	X	X	X	X	
6	AI_TP279_0.3	Oct 29, 2021		Soil	S21-No14127		X	X	X	X	
7	AI_TP280_0.1	Oct 29, 2021		Soil	S21-No14128	X	X	X	X	X	
8	AI_TP280_0.3	Oct 29, 2021		Soil	S21-No14129		X	X	X	X	
9	AI_TP281_0.1	Oct 29, 2021		Soil	S21-No14130	X	X	X	X	X	

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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Rolleston, Christchurch 7675
Phone : 0800 856 450
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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838532
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
10	AI_TP281_0.3	Oct 29, 2021		Soil	S21-No14131		X	X	X	X	
11	AI_TP266_0.1	Oct 29, 2021		Soil	S21-No14132	X	X	X	X	X	
12	AI_TP266_0.3	Oct 29, 2021		Soil	S21-No14133		X	X	X	X	
13	AI_TP267_0.1	Oct 29, 2021		Soil	S21-No14134	X	X	X	X	X	
14	AI_TP267_0.3	Oct 29, 2021		Soil	S21-No14135		X	X	X	X	
15	AI_TP268_0.1	Oct 29, 2021		Soil	S21-No14136	X	X	X	X	X	
16	AI_TP268_0.3	Oct 29, 2021		Soil	S21-No14137		X	X	X	X	
17	AI_TP269_0.1	Oct 29, 2021		Soil	S21-No14138	X	X	X	X	X	
18	AI_TP269_0.3	Oct 29, 2021		Soil	S21-No14139		X	X	X	X	
19	AI_TP270_0.1	Oct 29, 2021		Soil	S21-No14140	X	X	X	X	X	
20	AI_TP270_0.3	Oct 29, 2021		Soil	S21-No14141		X	X	X	X	

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838532
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
21	AI_TP271_0.1	Oct 29, 2021		Soil	S21-No14142		X	X	X		X
22	AI_TP271_0.3	Oct 29, 2021		Soil	S21-No14143	X	X	X	X		X
23	AI_TP272_0.1	Oct 29, 2021		Soil	S21-No14144		X	X	X		X
24	AI_TP272_0.3	Oct 29, 2021		Soil	S21-No14145	X	X	X	X		X
25	AI_TP265_0.1	Oct 29, 2021		Soil	S21-No14146		X	X	X		X
26	AI_TP265_0.3	Oct 29, 2021		Soil	S21-No14147	X	X	X	X		X
27	AI_TP264_0.1	Oct 29, 2021		Soil	S21-No14148		X	X	X		X
28	AI_TP264_0.3	Oct 29, 2021		Soil	S21-No14149	X	X	X	X		X
29	AI_TP263_0.1	Oct 29, 2021		Soil	S21-No14150		X	X	X	X	
30	AI_TP263_0.3	Oct 29, 2021		Soil	S21-No14151	X	X	X	X		X
Test Counts						15	30	30	30	30	30

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	838532-AID-V2
Project Name	Bradfield City Centre
Project ID	0571466
Received Date	Nov 05, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

DRAFT

DRAFT

Project Name Bradfield City Centre
Project ID 0571466
Date Sampled Oct 29, 2021
Report 838532-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP277_0.1	21-No14122	Oct 29, 2021	Approximate Sample 604g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP278_0.1	21-No14124	Oct 29, 2021	Approximate Sample 720g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP279_0.1	21-No14126	Oct 29, 2021	Approximate Sample 775g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP280_0.1	21-No14128	Oct 29, 2021	Approximate Sample 546g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP281_0.1	21-No14130	Oct 29, 2021	Approximate Sample 581g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP266_0.1	21-No14132	Oct 29, 2021	Approximate Sample 607g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP267_0.1	21-No14134	Oct 29, 2021	Approximate Sample 656g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP268_0.1	21-No14136	Oct 29, 2021	Approximate Sample 541g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP269_0.1	21-No14138	Oct 29, 2021	Approximate Sample 579g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP270_0.1	21-No14140	Oct 29, 2021	Approximate Sample 700g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP271_0.3	21-No14143	Oct 29, 2021	Approximate Sample 692g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP272_0.3	21-No14145	Oct 29, 2021	Approximate Sample 46g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP265_0.3	21-No14147	Oct 29, 2021	Approximate Sample 45g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP264_0.3	21-No14149	Oct 29, 2021	Approximate Sample 40g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP263_0.3	21-No14151	Oct 29, 2021	Approximate Sample 44g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 07, 2021	Indefinite

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NATA # 1261 Site # 18217

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NATA # 1261 Site # 20794

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IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838532
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	AI_TP277_0.1	Oct 29, 2021		Soil	S21-No14122	X	X	X	X	X	
2	AI_TP277_0.3	Oct 29, 2021		Soil	S21-No14123		X	X	X	X	
3	AI_TP278_0.1	Oct 29, 2021		Soil	S21-No14124	X	X	X	X	X	
4	AI_TP278_0.3	Oct 29, 2021		Soil	S21-No14125		X	X	X	X	
5	AI_TP279_0.1	Oct 29, 2021		Soil	S21-No14126	X	X	X	X	X	
6	AI_TP279_0.3	Oct 29, 2021		Soil	S21-No14127		X	X	X	X	
7	AI_TP280_0.1	Oct 29, 2021		Soil	S21-No14128	X	X	X	X	X	
8	AI_TP280_0.3	Oct 29, 2021		Soil	S21-No14129		X	X	X	X	
9	AI_TP281_0.1	Oct 29, 2021		Soil	S21-No14130	X	X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
10	AI_TP281_0.3	Oct 29, 2021		Soil	S21-No14131		X	X	X	X	
11	AI_TP266_0.1	Oct 29, 2021		Soil	S21-No14132	X	X	X	X	X	
12	AI_TP266_0.3	Oct 29, 2021		Soil	S21-No14133		X	X	X	X	
13	AI_TP267_0.1	Oct 29, 2021		Soil	S21-No14134	X	X	X	X	X	
14	AI_TP267_0.3	Oct 29, 2021		Soil	S21-No14135		X	X	X	X	
15	AI_TP268_0.1	Oct 29, 2021		Soil	S21-No14136	X	X	X	X	X	
16	AI_TP268_0.3	Oct 29, 2021		Soil	S21-No14137		X	X	X	X	
17	AI_TP269_0.1	Oct 29, 2021		Soil	S21-No14138	X	X	X	X	X	
18	AI_TP269_0.3	Oct 29, 2021		Soil	S21-No14139		X	X	X	X	
19	AI_TP270_0.1	Oct 29, 2021		Soil	S21-No14140	X	X	X	X	X	
20	AI_TP270_0.3	Oct 29, 2021		Soil	S21-No14141		X	X	X	X	

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Eurofins Analytical Services Manager : John Nguyen

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
21	AI_TP271_0.1	Oct 29, 2021		Soil	S21-No14142		X	X	X		X
22	AI_TP271_0.3	Oct 29, 2021		Soil	S21-No14143	X	X	X	X		X
23	AI_TP272_0.1	Oct 29, 2021		Soil	S21-No14144		X	X	X		X
24	AI_TP272_0.3	Oct 29, 2021		Soil	S21-No14145	X	X	X	X		X
25	AI_TP265_0.1	Oct 29, 2021		Soil	S21-No14146		X	X	X		X
26	AI_TP265_0.3	Oct 29, 2021		Soil	S21-No14147	X	X	X	X		X
27	AI_TP264_0.1	Oct 29, 2021		Soil	S21-No14148		X	X	X		X
28	AI_TP264_0.3	Oct 29, 2021		Soil	S21-No14149	X	X	X	X		X
29	AI_TP263_0.1	Oct 29, 2021		Soil	S21-No14150		X	X	X	X	
30	AI_TP263_0.3	Oct 29, 2021		Soil	S21-No14151	X	X	X	X		X
Test Counts						15	30	30	30	30	30

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

21-No14145 to 21-No14151: The samples received were not collected in an approved asbestos bag and was therefore sub-sampled from the 250mL glass jar. Valid sub-sampling procedures were applied so as to ensure that the sub-samples to be analysed accurately represented the samples received.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **838532-S-V2**
Project name Bradfield City Centre
Project ID 0571466
Received Date Nov 05, 2021

Client Sample ID			**AI_TP277_0.1**	**AI_TP277_0.3**	**AI_TP278_0.1**	**AI_TP278_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14122**	**S21-No14123**	**S21-No14124**	**S21-No14125**
Date Sampled			**Oct 29, 2021**	**Oct 29, 2021**	**Oct 29, 2021**	**Oct 29, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	78	96	105	96
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP277_0.1	AI_TP277_0.3	AI_TP278_0.1	AI_TP278_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14122	S21-No14123	S21-No14124	S21-No14125
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	78	96	105	96
Toluene-d8 (surr.)	1	%	138	87	93	83

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Client Sample ID			AI_TP277_0.1	AI_TP277_0.3	AI_TP278_0.1	AI_TP278_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14122	S21-No14123	S21-No14124	S21-No14125
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	112	100	107
p-Terphenyl-d14 (surr.)	1	%	112	107	101	105
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	53	57	57	62
Tetrachloro-m-xylene (surr.)	1	%	101	101	91	95

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Client Sample ID			AI_TP277_0.1	AI_TP277_0.3	AI_TP278_0.1	AI_TP278_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14122	S21-No14123	S21-No14124	S21-No14125
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	89	90	84	91
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP277_0.1	AI_TP277_0.3	AI_TP278_0.1	AI_TP278_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14122	S21-No14123	S21-No14124	S21-No14125
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	112	100	107
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	77	53	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP277_0.1	AI_TP277_0.3	AI_TP278_0.1	AI_TP278_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14122	S21-No14123	S21-No14124	S21-No14125
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	112	116	103	112
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	109	110	91	112
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP277_0.1	AI_TP277_0.3	AI_TP278_0.1	AI_TP278_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14122	S21-No14123	S21-No14124	S21-No14125
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	10	8.0	14	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	34	25	41	37
Copper	5	mg/kg	27	22	25	29
Lead	5	mg/kg	36	27	39	27
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	18	12	18	16
Zinc	5	mg/kg	52	41	43	46
% Moisture	1	%	17	3.2	16	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	111	124	119	120
13C5-PFPeA (surr.)	1	%	124	140	133	136
13C5-PFHxA (surr.)	1	%	92	101	83	101
13C4-PFHpA (surr.)	1	%	90	105	96	103
13C8-PFOA (surr.)	1	%	94	99	101	99
13C5-PFNA (surr.)	1	%	102	107	106	99
13C6-PFDA (surr.)	1	%	122	106	123	124
13C2-PFUnDA (surr.)	1	%	104	115	111	88
13C2-PFDoDA (surr.)	1	%	94	101	102	100
13C2-PFTeDA (surr.)	1	%	81	98	97	106
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	103	112	109	110
D3-N-MeFOSA (surr.)	1	%	120	130	129	128
D5-N-EtFOSA (surr.)	1	%	89	103	100	119
D7-N-MeFOSE (surr.)	1	%	104	114	105	110
D9-N-EtFOSE (surr.)	1	%	91	104	104	110
D5-N-EtFOSAA (surr.)	1	%	113	122	116	90
D3-N-MeFOSAA (surr.)	1	%	110	124	107	85

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Client Sample ID			AI_TP277_0.1	AI_TP277_0.3	AI_TP278_0.1	AI_TP278_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14122	S21-No14123	S21-No14124	S21-No14125
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	140	143	141	131
18O2-PFHxS (surr.)	1	%	99	93	108	95
13C8-PFOS (surr.)	1	%	98	113	105	103
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	137	165	147	131
13C2-6:2 FTSA (surr.)	1	%	116	126	123	128
13C2-8:2 FTSA (surr.)	1	%	101	98	103	94
13C2-10:2 FTSA (surr.)	1	%	118	135	131	132
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	115	107	99	80
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	115	107	99	80
Toluene-d8 (surr.)	1	%	106	94	90	69
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	115	104	101
p-Terphenyl-d14 (surr.)	1	%	102	107	98	94
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	60	63	71	70
Tetrachloro-m-xylene (surr.)	1	%	93	96	90	86
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	89	90	89	87
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	115	104	101
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	63	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	109	116	105	104
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	85	91	76	86
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	20	15	7.6	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	50	48	20	21
Copper	5	mg/kg	20	21	16	15
Lead	5	mg/kg	47	37	23	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	16	13	8.0	7.7
Zinc	5	mg/kg	41	34	32	27
% Moisture	1	%	14	18	12	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	113	115	118	117
13C5-PFPeA (surr.)	1	%	127	125	125	121
13C5-PFHxA (surr.)	1	%	93	101	109	97
13C4-PFHpA (surr.)	1	%	100	99	104	93
13C8-PFOA (surr.)	1	%	102	98	106	98
13C5-PFNA (surr.)	1	%	102	105	115	106
13C6-PFDA (surr.)	1	%	122	128	132	115
13C2-PFUnDA (surr.)	1	%	114	111	113	111
13C2-PFDoDA (surr.)	1	%	101	105	102	97
13C2-PFTeDA (surr.)	1	%	98	108	91	88

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Client Sample ID			AI_TP279_0.1	AI_TP279_0.3	AI_TP280_0.1	AI_TP280_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14126	S21-No14127	S21-No14128	S21-No14129
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	110	118	119	110
D3-N-MeFOSA (surr.)	1	%	133	139	130	127
D5-N-EtFOSA (surr.)	1	%	95	115	86	87
D7-N-MeFOSE (surr.)	1	%	106	111	106	104
D9-N-EtFOSE (surr.)	1	%	100	101	93	99
D5-N-EtFOSAA (surr.)	1	%	122	122	115	102
D3-N-MeFOSAA (surr.)	1	%	107	99	113	89
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	148	130	141	138
18O2-PFHxS (surr.)	1	%	105	104	94	107
13C8-PFOS (surr.)	1	%	109	94	109	106
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	108	170	INT	149
13C2-6:2 FTSA (surr.)	1	%	115	106	137	134
13C2-8:2 FTSA (surr.)	1	%	93	96	122	117
13C2-10:2 FTSA (surr.)	1	%	124	112	126	138
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	101	121	105	108
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	101	121	105	108
Toluene-d8 (surr.)	1	%	94	109	95	87
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	111	111	121	111
p-Terphenyl-d14 (surr.)	1	%	104	103	111	102
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	70	68	79	78
Tetrachloro-m-xylene (surr.)	1	%	97	95	103	95
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	92	89	99	91
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	111	111	121	111
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	69	71	58	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	123	115	127	116
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	92	99	105	96
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	2.6	5.8	3.4	5.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	21	19	29
Copper	5	mg/kg	11	25	17	32
Lead	5	mg/kg	22	17	21	24
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	5.2	8.5	9.3	19
Zinc	5	mg/kg	18	26	23	50
% Moisture	1	%	12	14	19	22
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	111	126	121	120
13C5-PFPeA (surr.)	1	%	129	125	123	131
13C5-PFHxA (surr.)	1	%	110	99	89	97
13C4-PFHpA (surr.)	1	%	108	101	82	102
13C8-PFOA (surr.)	1	%	99	103	105	95
13C5-PFNA (surr.)	1	%	99	118	106	102
13C6-PFDA (surr.)	1	%	125	122	122	134
13C2-PFUnDA (surr.)	1	%	109	117	110	114
13C2-PFDoDA (surr.)	1	%	93	98	89	101
13C2-PFTeDA (surr.)	1	%	85	92	92	94
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	106	116	104	105
D3-N-MeFOSA (surr.)	1	%	121	133	115	125
D5-N-EtFOSA (surr.)	1	%	88	101	98	102
D7-N-MeFOSE (surr.)	1	%	105	122	101	102
D9-N-EtFOSE (surr.)	1	%	93	112	100	108
D5-N-EtFOSAA (surr.)	1	%	110	118	105	116
D3-N-MeFOSAA (surr.)	1	%	114	112	104	113
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	132	144	131	137
18O2-PFHxS (surr.)	1	%	103	105	110	100
13C8-PFOS (surr.)	1	%	97	113	101	107

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Client Sample ID			AI_TP281_0.1	AI_TP281_0.3	AI_TP266_0.1	AI_TP266_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14130	S21-No14131	S21-No14132	S21-No14133
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	161	137	163	163
13C2-6:2 FTSA (surr.)	1	%	145	136	106	132
13C2-8:2 FTSA (surr.)	1	%	114	132	115	107
13C2-10:2 FTSA (surr.)	1	%	132	143	124	133
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	56	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	99	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	155	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	140	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	140	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	74	81	98	82

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Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	74	81	98	82
Toluene-d8 (surr.)	1	%	58	61	84	69
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	123	90	115	112
p-Terphenyl-d14 (surr.)	1	%	121	87	108	106
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	89	59	86	81
Tetrachloro-m-xylene (surr.)	1	%	109	77	98	95
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	107	72	100	95

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Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	123	90	115	112
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	53	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	130	96	123	119
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	94	76	92	98
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.2	6.1	3.4	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	34	36	24	19
Copper	5	mg/kg	22	24	31	32
Lead	5	mg/kg	31	26	28	19
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.9	10	14	< 5
Zinc	5	mg/kg	30	34	60	23
% Moisture	1	%	18	21	6.5	24
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	115	108	113
13C5-PFPeA (surr.)	1	%	116	130	116	120
13C5-PFHxA (surr.)	1	%	99	110	98	90
13C4-PFHpA (surr.)	1	%	104	97	109	97
13C8-PFOA (surr.)	1	%	93	104	98	97
13C5-PFNA (surr.)	1	%	101	103	90	105
13C6-PFDA (surr.)	1	%	116	123	134	112
13C2-PFUnDA (surr.)	1	%	103	105	102	111
13C2-PFDoDA (surr.)	1	%	91	99	89	97
13C2-PFTeDA (surr.)	1	%	91	100	85	105

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Client Sample ID			AI_TP267_0.1	AI_TP267_0.3	AI_TP268_0.1	AI_TP268_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14134	S21-No14135	S21-No14136	S21-No14137
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	103	106	97	117
D3-N-MeFOSA (surr.)	1	%	120	124	106	136
D5-N-EtFOSA (surr.)	1	%	107	114	95	116
D7-N-MeFOSE (surr.)	1	%	102	108	90	115
D9-N-EtFOSE (surr.)	1	%	100	103	82	104
D5-N-EtFOSAA (surr.)	1	%	101	86	95	106
D3-N-MeFOSAA (surr.)	1	%	90	79	91	105
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	132	125	138	121
18O2-PFHxS (surr.)	1	%	96	104	94	99
13C8-PFOS (surr.)	1	%	104	107	97	105
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	140	159	197	152
13C2-6:2 FTSA (surr.)	1	%	118	115	136	97
13C2-8:2 FTSA (surr.)	1	%	89	89	132	112
13C2-10:2 FTSA (surr.)	1	%	123	130	121	127
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	90	68	82	109
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	90	68	82	109
Toluene-d8 (surr.)	1	%	66	73	67	90
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	113	104	114	112
p-Terphenyl-d14 (surr.)	1	%	105	99	108	107
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	84	76	86	84
Tetrachloro-m-xylene (surr.)	1	%	96	90	99	97
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	97	89	96	95
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	113	104	114	112
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	118	110	120	118
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	80	83	88	85
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	15	12	16
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	29	35	43	37
Copper	5	mg/kg	26	32	17	29
Lead	5	mg/kg	32	29	42	27
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	11	8.4	12
Zinc	5	mg/kg	37	39	31	36
% Moisture	1	%	22	21	15	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	124	116	124
13C5-PFPeA (surr.)	1	%	140	138	138	137
13C5-PFHxA (surr.)	1	%	111	111	93	96
13C4-PFHpA (surr.)	1	%	109	106	109	109
13C8-PFOA (surr.)	1	%	105	105	100	104
13C5-PFNA (surr.)	1	%	104	110	110	112
13C6-PFDA (surr.)	1	%	134	128	132	140
13C2-PFUnDA (surr.)	1	%	118	125	115	121
13C2-PFDoDA (surr.)	1	%	99	111	97	111
13C2-PFTeDA (surr.)	1	%	93	104	88	115
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	114	119	109	114
D3-N-MeFOSA (surr.)	1	%	121	147	126	136
D5-N-EtFOSA (surr.)	1	%	103	103	112	106
D7-N-MeFOSE (surr.)	1	%	112	123	103	114
D9-N-EtFOSE (surr.)	1	%	98	113	107	107
D5-N-EtFOSAA (surr.)	1	%	124	124	114	125
D3-N-MeFOSAA (surr.)	1	%	128	117	106	114
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	145	139	131	128
18O2-PFHxS (surr.)	1	%	109	108	104	105
13C8-PFOS (surr.)	1	%	105	114	107	113

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Client Sample ID			AI_TP269_0.1	AI_TP269_0.3	AI_TP270_0.1	AI_TP270_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14138	S21-No14139	S21-No14140	S21-No14141
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	162	159	145	128
13C2-6:2 FTSA (surr.)	1	%	122	165	131	106
13C2-8:2 FTSA (surr.)	1	%	129	124	108	104
13C2-10:2 FTSA (surr.)	1	%	137	133	138	134
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	80	100	99

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Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	87	80	100	99
Toluene-d8 (surr.)	1	%	71	61	79	86
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	127	113	115
p-Terphenyl-d14 (surr.)	1	%	105	122	105	111
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	76	91	77	78
Tetrachloro-m-xylene (surr.)	1	%	93	109	96	97
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	88	96	90	88

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Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	127	113	115
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	114	132	115	119
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	69	59	68	80
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	22	10.0	10	6.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	41	26	23	20
Copper	5	mg/kg	16	23	9.8	22
Lead	5	mg/kg	36	13	22	9.3
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.7	11	5.7	8.9
Zinc	5	mg/kg	25	30	14	24
% Moisture	1	%	15	23	8.5	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	112	118	113	117
13C5-PFPeA (surr.)	1	%	140	147	141	140
13C5-PFHxA (surr.)	1	%	119	133	130	126
13C4-PFHpA (surr.)	1	%	123	126	123	127
13C8-PFOA (surr.)	1	%	124	126	128	130
13C5-PFNA (surr.)	1	%	124	129	130	125
13C6-PFDA (surr.)	1	%	126	123	125	126
13C2-PFUnDA (surr.)	1	%	125	135	140	128
13C2-PFDoDA (surr.)	1	%	125	128	131	128
13C2-PFTeDA (surr.)	1	%	127	145	141	129

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Client Sample ID			AI_TP271_0.1	AI_TP271_0.3	AI_TP272_0.1	AI_TP272_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14142	S21-No14143	S21-No14144	S21-No14145
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	120	112	119	123
D3-N-MeFOSA (surr.)	1	%	124	110	123	124
D5-N-EtFOSA (surr.)	1	%	123	121	127	126
D7-N-MeFOSE (surr.)	1	%	110	103	113	113
D9-N-EtFOSE (surr.)	1	%	116	111	117	119
D5-N-EtFOSAA (surr.)	1	%	115	122	135	87
D3-N-MeFOSAA (surr.)	1	%	126	129	142	80
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	134	139	137	134
18O2-PFHxS (surr.)	1	%	125	135	126	124
13C8-PFOS (surr.)	1	%	128	128	130	128
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	129	154	136	130
13C2-6:2 FTSA (surr.)	1	%	112	124	130	115
13C2-8:2 FTSA (surr.)	1	%	153	173	164	147
13C2-10:2 FTSA (surr.)	1	%	125	133	154	125
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	70	135	88	110
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	70	135	88	110
Toluene-d8 (surr.)	1	%	89	113	73	94
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	INT	110	108	114
p-Terphenyl-d14 (surr.)	1	%	INT	108	107	112
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	108	67	73	74
Tetrachloro-m-xylene (surr.)	1	%	134	95	94	97
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	122	79	87	88
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	INT	110	108	114
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	67	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	109	114	117
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	102	66	INT	INT
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.7	17	26	18
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	25	35	49	39
Copper	5	mg/kg	21	23	27	34
Lead	5	mg/kg	8.8	18	54	24
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.7	10	17	17
Zinc	5	mg/kg	22	28	76	46
% Moisture	1	%	19	20	12	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	107	109	116	118
13C5-PFPeA (surr.)	1	%	135	131	145	144
13C5-PFHxA (surr.)	1	%	123	118	129	129
13C4-PFHpA (surr.)	1	%	117	119	126	131
13C8-PFOA (surr.)	1	%	126	122	127	128
13C5-PFNA (surr.)	1	%	116	123	127	132
13C6-PFDA (surr.)	1	%	123	122	124	129
13C2-PFUnDA (surr.)	1	%	131	131	133	129
13C2-PFDoDA (surr.)	1	%	117	123	139	125
13C2-PFTeDA (surr.)	1	%	113	123	138	125
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	114	113	116	111
D3-N-MeFOSA (surr.)	1	%	117	116	115	117
D5-N-EtFOSA (surr.)	1	%	122	123	122	118
D7-N-MeFOSE (surr.)	1	%	106	117	114	110
D9-N-EtFOSE (surr.)	1	%	113	118	114	112
D5-N-EtFOSAA (surr.)	1	%	75	77	126	94
D3-N-MeFOSAA (surr.)	1	%	92	82	134	92
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	127	127	129	131
18O2-PFHxS (surr.)	1	%	128	122	133	125
13C8-PFOS (surr.)	1	%	119	127	127	131

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Client Sample ID			AI_TP265_0.1	AI_TP265_0.3	AI_TP264_0.1	AI_TP264_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14146	S21-No14147	S21-No14148	S21-No14149
Date Sampled			Oct 29, 2021	Oct 29, 2021	Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	122	121	142	131
13C2-6:2 FTSA (surr.)	1	%	112	107	129	120
13C2-8:2 FTSA (surr.)	1	%	148	146	163	150
13C2-10:2 FTSA (surr.)	1	%	133	126	142	131
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons				
TRH C6-C9	20	mg/kg	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100
BTEX				
Benzene	0.1	mg/kg	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	111	80

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Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Volatile Organics				
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Volatile Organics				
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	111	80
Toluene-d8 (surr.)	1	%	97	63
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	123
p-Terphenyl-d14 (surr.)	1	%	112	121
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05

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Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Organochlorine Pesticides				
Heptachlor	0.05	mg/kg	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	83	93
Tetrachloro-m-xylene (surr.)	1	%	99	105
Organophosphorus Pesticides				
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	96	102

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Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	123
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 2.5	< 2.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Acetophenone	0.5	mg/kg	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Nitrobenzene-d5 (surr.)	1	%	118	126
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 5	< 5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	INT	51
Pronamide	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5
Heavy Metals				
Arsenic	2	mg/kg	20	14
Cadmium	0.4	mg/kg	< 0.4	< 0.4
Chromium	5	mg/kg	50	40
Copper	5	mg/kg	22	23
Lead	5	mg/kg	37	39
Mercury	0.1	mg/kg	< 0.1	< 0.1
Nickel	5	mg/kg	14	22
Zinc	5	mg/kg	49	85
% Moisture	1	%	13	14
Perfluoroalkyl carboxylic acids (PFCAs)				
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5
13C4-PFBA (surr.)	1	%	117	117
13C5-PFPeA (surr.)	1	%	121	146
13C5-PFHxA (surr.)	1	%	112	126
13C4-PFHpA (surr.)	1	%	100	126
13C8-PFOA (surr.)	1	%	96	124
13C5-PFNA (surr.)	1	%	110	130
13C6-PFDA (surr.)	1	%	136	127
13C2-PFUnDA (surr.)	1	%	102	129
13C2-PFDoDA (surr.)	1	%	99	127
13C2-PFTeDA (surr.)	1	%	93	131

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Client Sample ID			AI_TP263_0.1	AI_TP263_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14150	S21-No14151
Date Sampled			Oct 29, 2021	Oct 29, 2021
Test/Reference	LOR	Unit		
Perfluoroalkyl sulfonamido substances				
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10
13C8-FOSA (surr.)	1	%	111	115
D3-N-MeFOSA (surr.)	1	%	119	118
D5-N-EtFOSA (surr.)	1	%	99	125
D7-N-MeFOSE (surr.)	1	%	115	111
D9-N-EtFOSE (surr.)	1	%	97	119
D5-N-EtFOSAA (surr.)	1	%	124	119
D3-N-MeFOSAA (surr.)	1	%	113	124
Perfluoroalkyl sulfonic acids (PFSAs)				
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5
13C3-PFBS (surr.)	1	%	146	136
18O2-PFHxS (surr.)	1	%	112	128
13C8-PFOS (surr.)	1	%	109	127
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	172	133
13C2-6:2 FTSA (surr.)	1	%	114	115
13C2-8:2 FTSA (surr.)	1	%	107	149
13C2-10:2 FTSA (surr.)	1	%	141	129
PFASs Summations				
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 15, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 15, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 15, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 15, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 07, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Sydney	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Sydney	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Sydney	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Sydney	Nov 15, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
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Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838532
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	AI_TP277_0.1	Oct 29, 2021		Soil	S21-No14122	X	X	X	X	X	
2	AI_TP277_0.3	Oct 29, 2021		Soil	S21-No14123		X	X	X	X	
3	AI_TP278_0.1	Oct 29, 2021		Soil	S21-No14124	X	X	X	X	X	
4	AI_TP278_0.3	Oct 29, 2021		Soil	S21-No14125		X	X	X	X	
5	AI_TP279_0.1	Oct 29, 2021		Soil	S21-No14126	X	X	X	X	X	
6	AI_TP279_0.3	Oct 29, 2021		Soil	S21-No14127		X	X	X	X	
7	AI_TP280_0.1	Oct 29, 2021		Soil	S21-No14128	X	X	X	X	X	
8	AI_TP280_0.3	Oct 29, 2021		Soil	S21-No14129		X	X	X	X	
9	AI_TP281_0.1	Oct 29, 2021		Soil	S21-No14130	X	X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
10	AI_TP281_0.3	Oct 29, 2021		Soil	S21-No14131		X	X	X	X	
11	AI_TP266_0.1	Oct 29, 2021		Soil	S21-No14132	X	X	X	X	X	
12	AI_TP266_0.3	Oct 29, 2021		Soil	S21-No14133		X	X	X	X	
13	AI_TP267_0.1	Oct 29, 2021		Soil	S21-No14134	X	X	X	X	X	
14	AI_TP267_0.3	Oct 29, 2021		Soil	S21-No14135		X	X	X	X	
15	AI_TP268_0.1	Oct 29, 2021		Soil	S21-No14136	X	X	X	X	X	
16	AI_TP268_0.3	Oct 29, 2021		Soil	S21-No14137		X	X	X	X	
17	AI_TP269_0.1	Oct 29, 2021		Soil	S21-No14138	X	X	X	X	X	
18	AI_TP269_0.3	Oct 29, 2021		Soil	S21-No14139		X	X	X	X	
19	AI_TP270_0.1	Oct 29, 2021		Soil	S21-No14140	X	X	X	X	X	
20	AI_TP270_0.3	Oct 29, 2021		Soil	S21-No14141		X	X	X	X	

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Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
21	AI_TP271_0.1	Oct 29, 2021		Soil	S21-No14142		X	X	X		X
22	AI_TP271_0.3	Oct 29, 2021		Soil	S21-No14143	X	X	X	X		X
23	AI_TP272_0.1	Oct 29, 2021		Soil	S21-No14144		X	X	X		X
24	AI_TP272_0.3	Oct 29, 2021		Soil	S21-No14145	X	X	X	X		X
25	AI_TP265_0.1	Oct 29, 2021		Soil	S21-No14146		X	X	X		X
26	AI_TP265_0.3	Oct 29, 2021		Soil	S21-No14147	X	X	X	X		X
27	AI_TP264_0.1	Oct 29, 2021		Soil	S21-No14148		X	X	X		X
28	AI_TP264_0.3	Oct 29, 2021		Soil	S21-No14149	X	X	X	X		X
29	AI_TP263_0.1	Oct 29, 2021		Soil	S21-No14150		X	X	X	X	
30	AI_TP263_0.3	Oct 29, 2021		Soil	S21-No14151	X	X	X	X		X
Test Counts						15	30	30	30	30	30

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	83			70-130	Pass	
TRH C10-C14	%	117			70-130	Pass	
Naphthalene	%	106			70-130	Pass	
TRH C6-C10	%	83			70-130	Pass	
TRH >C10-C16	%	115			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	101			70-130	Pass	
Toluene	%	103			70-130	Pass	
Ethylbenzene	%	103			70-130	Pass	
m&p-Xylenes	%	108			70-130	Pass	
o-Xylene	%	106			70-130	Pass	
Xylenes - Total*	%	108			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	71			70-130	Pass	
1.1.1-Trichloroethane	%	78			70-130	Pass	
1.2-Dichlorobenzene	%	100			70-130	Pass	
1.2-Dichloroethane	%	99			70-130	Pass	
Trichloroethene	%	79			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	107			70-130	Pass	
Acenaphthylene	%	82			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Anthracene	%	74			70-130	Pass	
Benz(a)anthracene	%	81			70-130	Pass	
Benzo(a)pyrene	%	83			70-130	Pass	
Benzo(b&j)fluoranthene	%	86			70-130	Pass	
Benzo(g.h.i)perylene	%	87			70-130	Pass	
Benzo(k)fluoranthene	%	82			70-130	Pass	
Chrysene	%	72			70-130	Pass	
Dibenz(a.h)anthracene	%	82			70-130	Pass	
Fluoranthene	%	80			70-130	Pass	
Fluorene	%	88			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	83			70-130	Pass	
Naphthalene	%	84			70-130	Pass	
Phenanthrene	%	98			70-130	Pass	
Pyrene	%	97			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	71			70-130	Pass	
4.4'-DDD	%	71			70-130	Pass	
4.4'-DDE	%	74			70-130	Pass	
4.4'-DDT	%	88			70-130	Pass	
a-HCH	%	70			70-130	Pass	
Aldrin	%	74			70-130	Pass	
b-HCH	%	83			70-130	Pass	
d-HCH	%	70			70-130	Pass	
Dieldrin	%	78			70-130	Pass	
Endosulfan I	%	70			70-130	Pass	
Endosulfan II	%	74			70-130	Pass	
Endosulfan sulphate	%	79			70-130	Pass	
Endrin	%	73			70-130	Pass	
Endrin aldehyde	%	75			70-130	Pass	
Endrin ketone	%	72			70-130	Pass	
g-HCH (Lindane)	%	72			70-130	Pass	
Heptachlor	%	98			70-130	Pass	
Heptachlor epoxide	%	81			70-130	Pass	
Hexachlorobenzene	%	75			70-130	Pass	
Methoxychlor	%	110			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	79			70-130	Pass	
Dimethoate	%	75			70-130	Pass	
Ethion	%	84			70-130	Pass	
Fenitrothion	%	91			70-130	Pass	
Methyl parathion	%	107			70-130	Pass	
Mevinphos	%	83			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
1.2.4-Trichlorobenzene	%	104			70-130	Pass	
1.4-Dichlorobenzene	%	104			70-130	Pass	
2-Chlorophenol	%	99			25-140	Pass	
2.4-Dinitrotoluene	%	87			70-130	Pass	
4-Chloro-3-methylphenol	%	93			25-140	Pass	
4-Nitrophenol	%	84			25-140	Pass	
Acenaphthene	%	105			70-130	Pass	
N-Nitrosodipropylamine	%	87			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Phenol	%	99			25-140	Pass	
Pyrene	%	100			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	92			80-120	Pass	
Cadmium	%	87			80-120	Pass	
Chromium	%	107			80-120	Pass	
Copper	%	106			80-120	Pass	
Lead	%	109			80-120	Pass	
Mercury	%	84			80-120	Pass	
Nickel	%	107			80-120	Pass	
Zinc	%	99			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	103			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	107			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	118			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	106			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	110			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	106			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	109			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	109			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	114			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	115			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	109			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	103			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	108			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	104			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	108			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	108			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	102			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	107			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	93			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	104			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	90			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	86			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	98			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	100			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	102			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	71			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	115			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	108			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	109			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	102			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No48459	NCP	%	80			70-130	Pass	
TRH >C10-C16	S21-No14122	CP	%	128			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.2-Dichlorobenzene	S21-No48441	NCP	%	88			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No14129	CP	%	81			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Toluene	S21-No14129	CP	%	78			70-130	Pass	
Ethylbenzene	S21-No14129	CP	%	81			70-130	Pass	
m&p-Xylenes	S21-No14129	CP	%	84			70-130	Pass	
o-Xylene	S21-No14129	CP	%	88			70-130	Pass	
Xylenes - Total*	S21-No14129	CP	%	85			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No14131	CP	%	87			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Toluene	S21-No14131	CP	%	82			70-130	Pass	
Ethylbenzene	S21-No14131	CP	%	89			70-130	Pass	
m&p-Xylenes	S21-No14131	CP	%	91			70-130	Pass	
o-Xylene	S21-No14131	CP	%	96			70-130	Pass	
Xylenes - Total*	S21-No14131	CP	%	93			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH >C10-C16	S21-No14132	CP	%	128			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No14133	CP	%	85			70-130	Pass	
Pyrene	S21-No14133	CP	%	86			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No14133	CP	%	71			70-130	Pass	
4.4'-DDD	S21-No14133	CP	%	76			70-130	Pass	
4.4'-DDE	S21-No14133	CP	%	76			70-130	Pass	
a-HCH	S21-No14133	CP	%	72			70-130	Pass	
Aldrin	S21-No14133	CP	%	76			70-130	Pass	
b-HCH	S21-No14133	CP	%	71			70-130	Pass	
d-HCH	S21-No14133	CP	%	72			70-130	Pass	
Dieldrin	S21-No14133	CP	%	72			70-130	Pass	
Endosulfan I	S21-No14133	CP	%	72			70-130	Pass	
Endosulfan II	S21-No14133	CP	%	78			70-130	Pass	
Endrin	S21-No14133	CP	%	73			70-130	Pass	
g-HCH (Lindane)	S21-No14133	CP	%	75			70-130	Pass	
Heptachlor	S21-No14133	CP	%	77			70-130	Pass	
Heptachlor epoxide	S21-No14133	CP	%	70			70-130	Pass	
Hexachlorobenzene	S21-No14133	CP	%	76			70-130	Pass	
Methoxychlor	S21-No14133	CP	%	83			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Diazinon	S21-No14133	CP	%	108			70-130	Pass	
Dimethoate	S21-No14133	CP	%	108			70-130	Pass	
Ethion	S21-No14133	CP	%	130			70-130	Pass	
Fenitrothion	S21-No14133	CP	%	118			70-130	Pass	
Mevinphos	S21-No14133	CP	%	120			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Nitrophenol	S21-No14133	CP	%	74			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14134	CP	%	103			75-125	Pass	
Cadmium	S21-No14134	CP	%	116			75-125	Pass	
Chromium	S21-No14134	CP	%	116			75-125	Pass	
Copper	S21-No14134	CP	%	111			75-125	Pass	
Lead	S21-No14134	CP	%	116			75-125	Pass	
Mercury	S21-No14134	CP	%	102			75-125	Pass	
Nickel	S21-No14134	CP	%	117			75-125	Pass	
Zinc	S21-No14134	CP	%	117			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C10	S21-No26990	NCP	%	84			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No14139	CP	%	89			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No14139	CP	%	87			70-130	Pass	
Toluene	S21-No14139	CP	%	82			70-130	Pass	
Ethylbenzene	S21-No14139	CP	%	85			70-130	Pass	
m&p-Xylenes	S21-No14139	CP	%	88			70-130	Pass	
o-Xylene	S21-No14139	CP	%	89			70-130	Pass	
Xylenes - Total*	S21-No14139	CP	%	88			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-No14142	CP	%	104			70-130	Pass	
TRH >C10-C16	S21-No14142	CP	%	101			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14144	CP	%	98			75-125	Pass	
Cadmium	S21-No14144	CP	%	95			75-125	Pass	
Chromium	S21-No14144	CP	%	96			75-125	Pass	
Copper	S21-No14144	CP	%	93			75-125	Pass	
Lead	S21-No14144	CP	%	114			75-125	Pass	
Mercury	S21-No14144	CP	%	94			75-125	Pass	
Nickel	S21-No14144	CP	%	89			75-125	Pass	
Zinc	S21-No14144	CP	%	90			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No14147	CP	%	103			70-130	Pass	
Pyrene	S21-No14147	CP	%	102			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No14147	CP	%	81			70-130	Pass	
4.4'-DDD	S21-No14147	CP	%	88			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4.4'-DDE	S21-No14147	CP	%	88			70-130	Pass	
4.4'-DDT	S21-No14147	CP	%	76			70-130	Pass	
a-HCH	S21-No14147	CP	%	82			70-130	Pass	
Aldrin	S21-No14147	CP	%	88			70-130	Pass	
b-HCH	S21-No14147	CP	%	83			70-130	Pass	
d-HCH	S21-No14147	CP	%	83			70-130	Pass	
Dieldrin	S21-No14147	CP	%	82			70-130	Pass	
Endosulfan I	S21-No14147	CP	%	83			70-130	Pass	
Endosulfan II	S21-No14147	CP	%	90			70-130	Pass	
Endosulfan sulphate	S21-No14147	CP	%	75			70-130	Pass	
Endrin	S21-No14147	CP	%	78			70-130	Pass	
Endrin ketone	S21-No14147	CP	%	73			70-130	Pass	
g-HCH (Lindane)	S21-No14147	CP	%	86			70-130	Pass	
Heptachlor	S21-No14147	CP	%	98			70-130	Pass	
Heptachlor epoxide	S21-No14147	CP	%	82			70-130	Pass	
Hexachlorobenzene	S21-No14147	CP	%	89			70-130	Pass	
Methoxychlor	S21-No14147	CP	%	102			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No14147	CP	%	122			70-130	Pass	
Dimethoate	S21-No14147	CP	%	127			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No14150	CP	%	98			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14150	CP	%	83			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14150	CP	%	85			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14150	CP	%	96			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14150	CP	%	94			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No14150	CP	%	114			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14150	CP	%	96			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14150	CP	%	95			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14150	CP	%	136			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14150	CP	%	121			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14150	CP	%	133			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No14150	CP	%	89			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14150	CP	%	90			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14150	CP	%	122			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14150	CP	%	98			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14150	CP	%	103			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14150	CP	%	98			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14150	CP	%	100			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorobutanesulfonic acid (PFBS)	S21-No14150	CP	%	82			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14150	CP	%	77			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14150	CP	%	116			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14150	CP	%	95			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14150	CP	%	80			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14150	CP	%	87			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14150	CP	%	99			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14150	CP	%	91			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14150	CP	%	110			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14150	CP	%	81			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14150	CP	%	127			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14150	CP	%	104			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14123	CP	mg/kg	8.0	9.6	18	30%	Pass	
Cadmium	S21-No14123	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14123	CP	mg/kg	25	29	15	30%	Pass	
Copper	S21-No14123	CP	mg/kg	22	27	21	30%	Pass	
Lead	S21-No14123	CP	mg/kg	27	24	10	30%	Pass	
Mercury	S21-No14123	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14123	CP	mg/kg	12	13	12	30%	Pass	
Zinc	S21-No14123	CP	mg/kg	41	47	14	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14126	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14126	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14126	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14126	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14126	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14126	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Chrysene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14126	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14126	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14126	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Methyl parathion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14126	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14126	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14126	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14126	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14126	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14126	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14126	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
4.4'-DDT	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14126	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14126	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenol	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14126	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14127	CP	%	18	18	1.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14128	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14128	CP	mg/kg	< 20	< 20	<1	30%	Pass	

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Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14128	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14128	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14130	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14130	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14130	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14130	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14133	CP	mg/kg	5.8	6.1	6.0	30%	Pass	
Cadmium	S21-No14133	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14133	CP	mg/kg	29	29	1.0	30%	Pass	
Copper	S21-No14133	CP	mg/kg	32	29	11	30%	Pass	
Lead	S21-No14133	CP	mg/kg	24	24	3.0	30%	Pass	
Mercury	S21-No14133	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14133	CP	mg/kg	19	18	7.0	30%	Pass	
Zinc	S21-No14133	CP	mg/kg	50	47	6.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14137	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14137	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14137	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14137	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14137	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14137	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14137	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14137	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Chloromethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14137	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14137	CP	%	24	23	2.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14140	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14140	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14140	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14140	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14140	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14140	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14140	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14140	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Allyl chloride	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14140	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14140	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14140	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14140	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14140	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14141	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14141	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14141	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14141	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14141	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14141	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Naphthalene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14141	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14141	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14141	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14141	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14141	CP	mg/kg	< 2	< 2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Phorate	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14141	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14141	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14141	CP	mg/kg	< 2.5	< 2.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14141	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14141	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14141	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Aniline	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14141	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14141	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenol	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14141	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14143	CP	mg/kg	10.0	9.7	3.0	30%	Pass	
Cadmium	S21-No14143	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14143	CP	mg/kg	26	24	10	30%	Pass	
Copper	S21-No14143	CP	mg/kg	23	22	3.0	30%	Pass	
Lead	S21-No14143	CP	mg/kg	13	14	2.0	30%	Pass	
Mercury	S21-No14143	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14143	CP	mg/kg	11	10	9.0	30%	Pass	
Zinc	S21-No14143	CP	mg/kg	30	28	9.0	30%	Pass	

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Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14146	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14146	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14146	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14146	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14146	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14146	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14147	CP	%	20	19	4.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14148	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14148	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14148	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14148	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14148	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14148	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14148	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14148	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Chloroform	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14148	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14149	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14149	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14149	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14149	CP	ug/kg	< 5	< 5	<1	30%	Pass	

DRAFT

Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
Andrew Sullivan	Senior Analyst-PFAS (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers Change container type & size if necessary.

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)
1	TP245_0.1	1/11/21	S	X									
2	TP245_0.3	1/11/21	S		X								
3	TP246_0.1	1/11/21	S	X									
4	TP246_0.3	1/11/21	S		X								
5	TP247_0.1	1/11/21	S	X									
6	TP247_0.3	1/11/21	S		X								
7	TP248_0.1	1/11/21	S	X									
8	TP248_0.3	1/11/21	S		X								
9	TP249_0.1	1/11/21	S	X									
10	TP249_0.3	1/11/21	S		X								
	Total Counts			5	5								

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Name: JACK EMBLEN Signature: Date: 11/2/2021 Time:

Laboratory Use Only

Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11/21	Time 2:51PM	Temperature 7.2
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	Report № 838534

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory**
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory**
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory**
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory**
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP251_0.1	1/11/21	S	X										
12	TP251_0.3	1/11/21	S		X									
13	TP250_0.1	1/11/21	S	X										
14	TP250_0.3	1/11/21	S		X									
15	TP235_0.1	1/11/21	S	X										
16	TP235_0.3	1/11/21	S		X									
17	TP236_0.1	1/11/21	S	X										
18	TP236_0.3	1/11/21	S		X									
19	TP237_0.1	1/11/21	S	X										
20	TP237_0.3	1/11/21	S		X									
	Total Counts			5	5									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal

	Name		Signature		Date		Time		
Laboratory Use Only	Received By	NC	SYD / BNE / MEL / PER / ADL / NTL / DRW		Signature		Date	5/11/21	Time 2:51PM	Temperature 7.2
	Received By		SYD / BNE / MEL / PER / ADL / NTL / DRW		Signature		Date		Time	Report № 838534

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EOuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP238_0.1	1/11/21	S	X											
22	TP238_0.3	1/11/21	S		X										
23	TP239_0.1	1/11/21	S	X											
24	TP239_0.3	1/11/21	S		X										
25	TP240_0.1	1/11/21	S	X											
26	TP240_0.3	1/11/21	S		X										
27	20211101_D01	1/11/21	S		X										
28	20211101_D02	1/11/21	S		X										
29	20211101_D03	1/11/21	S		X										
30	20211101_T01	1/11/21	S		X										PLEASE SEND TO ALS
	Total Counts			3	7										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

		Name		Signature		Date	44502	Time	
Laboratory Use Only	Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11/21	Time	2:51PM
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	

Temperature 7.2

Report № 838534

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM
Address	11/277 Lane Cove Road, Macquarie Park
Contact Name	Jack Emblen
Phone №	0402 979 340
Special Directions	
Purchase Order	
Quote ID №	

Project №	0571466
Project Name	Bradfield City Centre
Project Manager	Nicholas Grbich
EDD Format ESdat, EQuIS etc	

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are requested, please specify Total or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	20211101_T02	1/11/21	S		X										PLEASE SEND TO ALS
2	20211101_T03	1/11/21	S		X										PLEASE SEND TO ALS
3	TS/TB	1/11/21	W			X									*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP **Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
4															
5															
6															
7															
8															
9															
10															
	Total Counts				2	1									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Name	JACK EMBLEN	Signature		Date	11/2/2021	Time			

Laboratory Use Only

Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11/21	Time	2.51PM	Temperature 7.2
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 838324

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0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

DRAFT

eurofins | Environment Testing

www.eurofins.com.au EnviroSales@eurofins.com

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6 Monterey Road
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Phone : +61 3 8564 5000
NATA # 1261 Site # 1254

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Perth
46-48 Banksia Road
Welshpool WA 6106
Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

Auckland
35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	Bradfield City Centre
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 5, 2021 2:51 PM
Eurofins reference	838534

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

20211101_T01 (jar, pfas), T02 (pfas), T03 (pfas) forwarded to ALS. Received only a PFAS jar for samples 20211101_D02 and 20211101_D03. Received 2 unlabeled jars. Received TP241_0.1 (bag), TP242_0.1 (jar, bag, pfas), TP242_0.3 (jar, pfas), TP243_0.1 (jar, bag, pfas) and TP243_0.3 (jar, pfas) received not on COC, logged on hold. Trip Spike and Blank not received, analysis cancelled.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

DRAFT

eurofins | Environment Testing

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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Company Name: ERM Sydney
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NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838534
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	AI_TP245_0.1	Nov 01, 2021		Soil	S21-No14182	X				X	X	X	X
2	AI_TP245_0.3	Nov 01, 2021		Soil	S21-No14183					X	X	X	X
3	AI_TP246_0.1	Nov 01, 2021		Soil	S21-No14184	X				X	X	X	X
4	AI_TP246_0.3	Nov 01, 2021		Soil	S21-No14185					X	X	X	X
5	AI_TP247_0.1	Nov 01, 2021		Soil	S21-No14186	X				X	X	X	X
6	AI_TP247_0.3	Nov 01, 2021		Soil	S21-No14187					X	X	X	X
7	AI_TP248_0.1	Nov 01, 2021		Soil	S21-No14188	X				X	X	X	X
8	AI_TP248_0.3	Nov 01, 2021		Soil	S21-No14189					X	X	X	X
9	AI_TP249_0.1	Nov 01, 2021		Soil	S21-No14190	X				X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
10	AI_TP249_0.3	Nov 01, 2021		Soil	S21-No14191					X	X	X	X
11	AI_TP251_0.1	Nov 01, 2021		Soil	S21-No14192	X				X	X	X	X
12	AI_TP251_0.3	Nov 01, 2021		Soil	S21-No14193					X	X	X	X
13	AI_TP250_0.1	Nov 01, 2021		Soil	S21-No14194	X				X	X	X	X
14	AI_TP250_0.3	Nov 01, 2021		Soil	S21-No14195					X	X	X	X
15	AI_TP235_0.1	Nov 01, 2021		Soil	S21-No14196	X				X	X	X	X
16	AI_TP235_0.3	Nov 01, 2021		Soil	S21-No14197					X	X	X	X
17	AI_TP236_0.1	Nov 01, 2021		Soil	S21-No14198	X				X	X	X	X
18	AI_TP236_0.3	Nov 01, 2021		Soil	S21-No14199					X	X	X	X
19	AI_TP237_0.1	Nov 01, 2021		Soil	S21-No14200	X				X	X	X	X
20	AI_TP237_0.3	Nov 01, 2021		Soil	S21-No14201					X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
21	AI_TP238_0.1	Nov 01, 2021		Soil	S21-No14202	X				X	X	X	X
22	AI_TP238_0.3	Nov 01, 2021		Soil	S21-No14203					X	X	X	X
23	AI_TP239_0.1	Nov 01, 2021		Soil	S21-No14204	X				X	X	X	X
24	AI_TP239_0.3	Nov 01, 2021		Soil	S21-No14205					X	X	X	X
25	AI_TP240_0.1	Nov 01, 2021		Soil	S21-No14206	X				X	X	X	X
26	AI_TP240_0.3	Nov 01, 2021		Soil	S21-No14207					X	X	X	X
27	AI_20211101_D01	Nov 01, 2021		Soil	S21-No14208					X	X	X	X
28	AI_20211101_D02	Nov 01, 2021		Soil	S21-No14209				X				X
29	AI_20211101_D03	Nov 01, 2021		Soil	S21-No14210				X				X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
30	AI_TS	Nov 01, 2021		Water	S21-No14211		X						
31	AI_TB	Nov 01, 2021		Water	S21-No14212		X						
32	AI_UNLABELLED A	Nov 01, 2021		Soil	S21-No18550			X					
33	AI_UNLABELLED B	Nov 01, 2021		Soil	S21-No18551			X					
34	AI_TP241_0.1	Nov 01, 2021		Soil	S21-No18552	X							
35	AI_TP242_0.1	Nov 01, 2021		Soil	S21-No18553	X				X	X	X	X
36	AI_TP242_0.3	Nov 01, 2021		Soil	S21-No18554					X	X	X	X
37	AI_TP243_0.1	Nov 01, 2021		Soil	S21-No18555	X				X	X	X	X
38	AI_TP243_0.3	Nov 01, 2021		Soil	S21-No18556					X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								
Sydney Laboratory - NATA # 1261 Site # 18217	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794				X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079								
Perth Laboratory - NATA # 2377 Site # 2370								
External Laboratory								
Test Counts	16	2	2	33	33	31	31	33

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	838534-AID-V2
Project Name	Bradfield City Centre
Project ID	0571466
Received Date	Nov 05, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name Bradfield City Centre
Project ID 0571466
Date Sampled Nov 01, 2021
Report 838534-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP245_0.1	21-No14182	Nov 01, 2021	Approximate Sample 516g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP246_0.1	21-No14184	Nov 01, 2021	Approximate Sample 505g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP247_0.1	21-No14186	Nov 01, 2021	Approximate Sample 621g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP248_0.1	21-No14188	Nov 01, 2021	Approximate Sample 753g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP249_0.1	21-No14190	Nov 01, 2021	Approximate Sample 535g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP251_0.1	21-No14192	Nov 01, 2021	Approximate Sample 787g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP250_0.1	21-No14194	Nov 01, 2021	Approximate Sample 560g Sample consisted of: Brown fine-grained clayey soil, charcoal and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP235_0.1	21-No14196	Nov 01, 2021	Approximate Sample 322g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP236_0.1	21-No14198	Nov 01, 2021	Approximate Sample 561g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP237_0.1	21-No14200	Nov 01, 2021	Approximate Sample 551g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP238_0.1	21-No14202	Nov 01, 2021	Approximate Sample 692g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP239_0.1	21-No14204	Nov 01, 2021	Approximate Sample 528g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP240_0.1	21-No14206	Nov 01, 2021	Approximate Sample 639g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP241_0.1	21-No18552	Nov 01, 2021	Approximate Sample 592g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP242_0.1	21-No18553	Nov 01, 2021	Approximate Sample 579g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP243_0.1	21-No18555	Nov 01, 2021	Approximate Sample 663g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 17, 2021	Indefinite

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
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Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	AI_TP245_0.1	Nov 01, 2021		Soil	S21-No14182	X				X	X	X	X
2	AI_TP245_0.3	Nov 01, 2021		Soil	S21-No14183					X	X	X	X
3	AI_TP246_0.1	Nov 01, 2021		Soil	S21-No14184	X				X	X	X	X
4	AI_TP246_0.3	Nov 01, 2021		Soil	S21-No14185					X	X	X	X
5	AI_TP247_0.1	Nov 01, 2021		Soil	S21-No14186	X				X	X	X	X
6	AI_TP247_0.3	Nov 01, 2021		Soil	S21-No14187					X	X	X	X
7	AI_TP248_0.1	Nov 01, 2021		Soil	S21-No14188	X				X	X	X	X
8	AI_TP248_0.3	Nov 01, 2021		Soil	S21-No14189					X	X	X	X
9	AI_TP249_0.1	Nov 01, 2021		Soil	S21-No14190	X				X	X	X	X

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Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838534
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
10	AI_TP249_0.3	Nov 01, 2021		Soil	S21-No14191					X	X	X	X
11	AI_TP251_0.1	Nov 01, 2021		Soil	S21-No14192	X				X	X	X	X
12	AI_TP251_0.3	Nov 01, 2021		Soil	S21-No14193					X	X	X	X
13	AI_TP250_0.1	Nov 01, 2021		Soil	S21-No14194	X				X	X	X	X
14	AI_TP250_0.3	Nov 01, 2021		Soil	S21-No14195					X	X	X	X
15	AI_TP235_0.1	Nov 01, 2021		Soil	S21-No14196	X				X	X	X	X
16	AI_TP235_0.3	Nov 01, 2021		Soil	S21-No14197					X	X	X	X
17	AI_TP236_0.1	Nov 01, 2021		Soil	S21-No14198	X				X	X	X	X
18	AI_TP236_0.3	Nov 01, 2021		Soil	S21-No14199					X	X	X	X
19	AI_TP237_0.1	Nov 01, 2021		Soil	S21-No14200	X				X	X	X	X
20	AI_TP237_0.3	Nov 01, 2021		Soil	S21-No14201					X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
21	AI_TP238_0.1	Nov 01, 2021		Soil	S21-No14202	X				X	X	X	X
22	AI_TP238_0.3	Nov 01, 2021		Soil	S21-No14203					X	X	X	X
23	AI_TP239_0.1	Nov 01, 2021		Soil	S21-No14204	X				X	X	X	X
24	AI_TP239_0.3	Nov 01, 2021		Soil	S21-No14205					X	X	X	X
25	AI_TP240_0.1	Nov 01, 2021		Soil	S21-No14206	X				X	X	X	X
26	AI_TP240_0.3	Nov 01, 2021		Soil	S21-No14207					X	X	X	X
27	AI_20211101_D01	Nov 01, 2021		Soil	S21-No14208					X	X	X	X
28	AI_20211101_D02	Nov 01, 2021		Soil	S21-No14209				X				X
29	AI_20211101_D03	Nov 01, 2021		Soil	S21-No14210				X				X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
30	AI_TS	Nov 01, 2021		Water	S21-No14211		X						
31	AI_TB	Nov 01, 2021		Water	S21-No14212		X						
32	AI_UNLABELLED A	Nov 01, 2021		Soil	S21-No18550			X					
33	AI_UNLABELLED B	Nov 01, 2021		Soil	S21-No18551			X					
34	AI_TP241_0.1	Nov 01, 2021		Soil	S21-No18552	X							
35	AI_TP242_0.1	Nov 01, 2021		Soil	S21-No18553	X				X	X	X	X
36	AI_TP242_0.3	Nov 01, 2021		Soil	S21-No18554					X	X	X	X
37	AI_TP243_0.1	Nov 01, 2021		Soil	S21-No18555	X				X	X	X	X
38	AI_TP243_0.3	Nov 01, 2021		Soil	S21-No18556					X	X	X	X

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Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254								
Sydney Laboratory - NATA # 1261 Site # 18217	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794				X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079								
Perth Laboratory - NATA # 2377 Site # 2370								
External Laboratory								
Test Counts	16	2	2	33	33	31	31	33

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **838534-S-V2**
Project name Bradfield City Centre
Project ID 0571466
Received Date Nov 05, 2021

Client Sample ID			**AI_TP245_0.1**	**AI_TP245_0.3**	**AI_TP246_0.1**	**AI_TP246_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14182**	**S21-No14183**	**S21-No14184**	**S21-No14185**
Date Sampled			**Nov 01, 2021**	**Nov 01, 2021**	**Nov 01, 2021**	**Nov 01, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	54	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	54	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	70	92	73	87
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP245_0.1	AI_TP245_0.3	AI_TP246_0.1	AI_TP246_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14182	S21-No14183	S21-No14184	S21-No14185
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	70	92	73	87
Toluene-d8 (surr.)	1	%	73	97	78	94

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Client Sample ID			AI_TP245_0.1	AI_TP245_0.3	AI_TP246_0.1	AI_TP246_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14182	S21-No14183	S21-No14184	S21-No14185
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	95	87	101	INT
p-Terphenyl-d14 (surr.)	1	%	80	84	87	147
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	62	60	75	133
Tetrachloro-m-xylene (surr.)	1	%	80	82	85	143

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Client Sample ID			AI_TP245_0.1	AI_TP245_0.3	AI_TP246_0.1	AI_TP246_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14182	S21-No14183	S21-No14184	S21-No14185
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	102	101	107	INT
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP245_0.1	AI_TP245_0.3	AI_TP246_0.1	AI_TP246_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14182	S21-No14183	S21-No14184	S21-No14185
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	95	87	101	INT
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	101
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP245_0.1	AI_TP245_0.3	AI_TP246_0.1	AI_TP246_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14182	S21-No14183	S21-No14184	S21-No14185
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	88	78	92	143
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	94	100	89	INT
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP245_0.1	AI_TP245_0.3	AI_TP246_0.1	AI_TP246_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14182	S21-No14183	S21-No14184	S21-No14185
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	2.8	6.4	4.1	3.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	8.7	20	10	11
Copper	5	mg/kg	6.2	28	12	15
Lead	5	mg/kg	8.0	15	17	8.0
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	13	6.5	5.8
Zinc	5	mg/kg	8.3	39	27	21
% Moisture	1	%	14	13	16	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	108	108	108	107
13C5-PFPeA (surr.)	1	%	95	101	115	117
13C5-PFHxA (surr.)	1	%	115	107	104	110
13C4-PFHpA (surr.)	1	%	102	112	121	103
13C8-PFOA (surr.)	1	%	109	113	110	119
13C5-PFNA (surr.)	1	%	126	128	116	115
13C6-PFDA (surr.)	1	%	138	141	136	131
13C2-PFUnDA (surr.)	1	%	137	150	133	140
13C2-PFDoDA (surr.)	1	%	129	144	146	122
13C2-PFTeDA (surr.)	1	%	72	68	77	72
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	107	98	104	99
D3-N-MeFOSA (surr.)	1	%	96	98	94	99
D5-N-EtFOSA (surr.)	1	%	90	92	91	93
D7-N-MeFOSE (surr.)	1	%	108	104	115	125
D9-N-EtFOSE (surr.)	1	%	101	100	100	107
D5-N-EtFOSAA (surr.)	1	%	83	78	90	64
D3-N-MeFOSAA (surr.)	1	%	137	152	144	104

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Client Sample ID			AI_TP245_0.1	AI_TP245_0.3	AI_TP246_0.1	AI_TP246_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14182	S21-No14183	S21-No14184	S21-No14185
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	105	120	118	135
18O2-PFHxS (surr.)	1	%	113	129	114	118
13C8-PFOS (surr.)	1	%	104	102	107	100
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	88	88	102	100
13C2-6:2 FTSA (surr.)	1	%	90	102	98	81
13C2-8:2 FTSA (surr.)	1	%	114	114	121	119
13C2-10:2 FTSA (surr.)	1	%	93	98	91	96
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	68	83	87	68
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	68	83	87	68
Toluene-d8 (surr.)	1	%	69	87	91	72
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	87	98	113	92
p-Terphenyl-d14 (surr.)	1	%	71	80	93	76
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	59	66	79	63
Tetrachloro-m-xylene (surr.)	1	%	69	81	92	77
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	88	99	111	92
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	87	98	113	92
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	57	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	79	93	112	91
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	85	99	115	92
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	3.8	3.1	< 2	2.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	8.8	9.8	< 5	7.6
Copper	5	mg/kg	7.5	13	< 5	9.7
Lead	5	mg/kg	12	7.3	< 5	< 5
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	5.2	5.9	< 5	< 5
Zinc	5	mg/kg	13	18	7.1	14
% Moisture	1	%	12	15	13	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	102	109	105
13C5-PFPeA (surr.)	1	%	127	120	112	103
13C5-PFHxA (surr.)	1	%	119	104	104	111
13C4-PFHpA (surr.)	1	%	126	107	119	113
13C8-PFOA (surr.)	1	%	113	100	117	116
13C5-PFNA (surr.)	1	%	136	124	125	124
13C6-PFDA (surr.)	1	%	135	124	148	139
13C2-PFUnDA (surr.)	1	%	128	130	146	136
13C2-PFDoDA (surr.)	1	%	143	141	137	135
13C2-PFTeDA (surr.)	1	%	76	80	75	76

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Client Sample ID			AI_TP247_0.1	AI_TP247_0.3	AI_TP248_0.1	AI_TP248_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14186	S21-No14187	S21-No14188	S21-No14189
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	97	99	92	92
D3-N-MeFOSA (surr.)	1	%	95	89	97	96
D5-N-EtFOSA (surr.)	1	%	92	87	97	89
D7-N-MeFOSE (surr.)	1	%	112	115	114	105
D9-N-EtFOSE (surr.)	1	%	99	103	101	104
D5-N-EtFOSAA (surr.)	1	%	86	78	88	53
D3-N-MeFOSAA (surr.)	1	%	142	127	133	80
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	120	111	117	110
18O2-PFHxS (surr.)	1	%	133	114	109	121
13C8-PFOS (surr.)	1	%	101	119	111	102
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	94	77	99	84
13C2-6:2 FTSA (surr.)	1	%	97	95	81	68
13C2-8:2 FTSA (surr.)	1	%	127	107	121	120
13C2-10:2 FTSA (surr.)	1	%	111	104	120	97
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	73	73	91	94
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	73	73	91	94
Toluene-d8 (surr.)	1	%	69	81	97	103
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	104	94	107
p-Terphenyl-d14 (surr.)	1	%	86	85	79	88
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	77	70	62	69
Tetrachloro-m-xylene (surr.)	1	%	88	86	79	84
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	106	102	93	104
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	104	94	107
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	61
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	104	102	93	99
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	102	101	82	97
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	< 2	5.0	6.8	7.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	12	13	15
Copper	5	mg/kg	< 5	17	7.3	13
Lead	5	mg/kg	< 5	10	12	6.5
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	6.6	< 5	< 5
Zinc	5	mg/kg	< 5	22	14	12
% Moisture	1	%	11	13	8.2	21
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	104	105	109	109
13C5-PFPeA (surr.)	1	%	97	115	101	119
13C5-PFHxA (surr.)	1	%	112	107	111	109
13C4-PFHpA (surr.)	1	%	107	105	115	105
13C8-PFOA (surr.)	1	%	112	114	105	116
13C5-PFNA (surr.)	1	%	127	130	125	122
13C6-PFDA (surr.)	1	%	138	136	138	144
13C2-PFUnDA (surr.)	1	%	134	143	135	146
13C2-PFDoDA (surr.)	1	%	134	129	129	147
13C2-PFTeDA (surr.)	1	%	71	76	72	82
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	93	94	95	94
D3-N-MeFOSA (surr.)	1	%	88	102	97	92
D5-N-EtFOSA (surr.)	1	%	96	94	91	91
D7-N-MeFOSE (surr.)	1	%	96	109	105	103
D9-N-EtFOSE (surr.)	1	%	101	103	105	105
D5-N-EtFOSAA (surr.)	1	%	89	55	73	78
D3-N-MeFOSAA (surr.)	1	%	134	92	130	140
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	122	126	139	119
18O2-PFHxS (surr.)	1	%	114	124	108	116
13C8-PFOS (surr.)	1	%	99	99	110	111

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Client Sample ID			AI_TP249_0.1	AI_TP249_0.3	AI_TP251_0.1	AI_TP251_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14190	S21-No14191	S21-No14192	S21-No14193
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	91	88	90	89
13C2-6:2 FTSA (surr.)	1	%	94	91	86	82
13C2-8:2 FTSA (surr.)	1	%	118	125	124	121
13C2-10:2 FTSA (surr.)	1	%	98	103	95	97
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	90	82	98

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Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	87	90	82	98
Toluene-d8 (surr.)	1	%	90	98	86	101
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	112	107	99
p-Terphenyl-d14 (surr.)	1	%	85	90	87	82
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	71	69	72	61
Tetrachloro-m-xylene (surr.)	1	%	83	88	85	80
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	99	106	101	89

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Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	112	107	99
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	67	60	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	96	105	99	97
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	99	108	103	98
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	3.4	3.7	2.7	2.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	7.9	10	7.0	6.1
Copper	5	mg/kg	< 5	11	7.2	7.6
Lead	5	mg/kg	7.4	7.4	6.8	< 5
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	8.7	12	9.8	11
% Moisture	1	%	16	15	22	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	98	89	108	120
13C5-PFPeA (surr.)	1	%	106	105	106	130
13C5-PFHxA (surr.)	1	%	98	107	111	120
13C4-PFHpA (surr.)	1	%	101	96	118	112
13C8-PFOA (surr.)	1	%	112	98	107	114
13C5-PFNA (surr.)	1	%	116	128	127	145
13C6-PFDA (surr.)	1	%	121	137	129	158
13C2-PFUnDA (surr.)	1	%	139	134	133	159
13C2-PFDoDA (surr.)	1	%	125	126	140	153
13C2-PFTeDA (surr.)	1	%	77	74	83	88

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Client Sample ID			AI_TP250_0.1	AI_TP250_0.3	AI_TP235_0.1	AI_TP235_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14194	S21-No14195	S21-No14196	S21-No14197
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	89	100	89	112
D3-N-MeFOSA (surr.)	1	%	87	106	85	107
D5-N-EtFOSA (surr.)	1	%	86	85	84	102
D7-N-MeFOSE (surr.)	1	%	103	99	97	124
D9-N-EtFOSE (surr.)	1	%	98	103	95	116
D5-N-EtFOSAA (surr.)	1	%	80	62	81	76
D3-N-MeFOSAA (surr.)	1	%	129	88	148	121
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	116	120	106	136
18O2-PFHxS (surr.)	1	%	101	115	120	139
13C8-PFOS (surr.)	1	%	94	110	105	114
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	99	58	94	114
13C2-6:2 FTSA (surr.)	1	%	90	73	99	106
13C2-8:2 FTSA (surr.)	1	%	112	124	122	144
13C2-10:2 FTSA (surr.)	1	%	107	99	101	117
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	95	94	64	141
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	95	94	64	141
Toluene-d8 (surr.)	1	%	102	103	66	52
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	105	103	103
p-Terphenyl-d14 (surr.)	1	%	85	89	87	85
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	70	68	62	67
Tetrachloro-m-xylene (surr.)	1	%	84	86	85	83
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	98	104	94	96
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	105	103	103
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	54	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	99	104	102	99
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	95	100	83	89
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	2.2	2.6	< 2	2.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	5.3	8.3	< 5	9.6
Copper	5	mg/kg	< 5	10.0	< 5	11
Lead	5	mg/kg	8.3	5.6	< 5	7.4
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	5.1
Zinc	5	mg/kg	7.9	15	< 5	14
% Moisture	1	%	15	14	8.1	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	107	101	117
13C5-PFPeA (surr.)	1	%	105	120	110	112
13C5-PFHxA (surr.)	1	%	108	111	108	120
13C4-PFHpA (surr.)	1	%	110	114	98	115
13C8-PFOA (surr.)	1	%	109	109	112	121
13C5-PFNA (surr.)	1	%	126	118	134	140
13C6-PFDA (surr.)	1	%	133	146	113	141
13C2-PFUnDA (surr.)	1	%	138	141	128	155
13C2-PFDoDA (surr.)	1	%	138	130	129	143
13C2-PFTeDA (surr.)	1	%	79	81	102	110
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	103	102	94	117
D3-N-MeFOSA (surr.)	1	%	95	108	73	87
D5-N-EtFOSA (surr.)	1	%	90	93	77	92
D7-N-MeFOSE (surr.)	1	%	105	108	90	105
D9-N-EtFOSE (surr.)	1	%	102	107	102	114
D5-N-EtFOSAA (surr.)	1	%	81	80	149	107
D3-N-MeFOSAA (surr.)	1	%	131	138	101	79
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	121	115	120	146
18O2-PFHxS (surr.)	1	%	116	129	103	121
13C8-PFOS (surr.)	1	%	114	116	90	121

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Client Sample ID			AI_TP236_0.1	AI_TP236_0.3	AI_TP237_0.1	AI_TP237_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14198	S21-No14199	S21-No14200	S21-No14201
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	95	91	89	96
13C2-6:2 FTSA (surr.)	1	%	103	88	101	108
13C2-8:2 FTSA (surr.)	1	%	131	121	82	105
13C2-10:2 FTSA (surr.)	1	%	109	106	113	128
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	98	71	84	149

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Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	98	71	84	149
Toluene-d8 (surr.)	1	%	71	78	104	78
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	95	92	93	91
p-Terphenyl-d14 (surr.)	1	%	91	87	88	84
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	66	63	69	64
Tetrachloro-m-xylene (surr.)	1	%	87	80	82	79
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	106	93	102	99

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Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	95	92	93	91
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	57	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	92	97	98	93
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	87	82	87	79
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.6	5.9	6.6	6.5
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	19	16	18
Copper	5	mg/kg	15	21	12	12
Lead	5	mg/kg	23	14	20	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	8.7	6.6	6.4
Zinc	5	mg/kg	24	26	19	16
% Moisture	1	%	14	14	18	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	107	109	107	113
13C5-PFPeA (surr.)	1	%	95	112	113	135
13C5-PFHxA (surr.)	1	%	113	110	106	117
13C4-PFHpA (surr.)	1	%	113	111	105	111
13C8-PFOA (surr.)	1	%	107	118	108	117
13C5-PFNA (surr.)	1	%	126	138	126	146
13C6-PFDA (surr.)	1	%	117	120	109	119
13C2-PFUnDA (surr.)	1	%	134	143	125	132
13C2-PFDoDA (surr.)	1	%	127	137	131	140
13C2-PFTeDA (surr.)	1	%	107	109	103	113

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Client Sample ID			AI_TP238_0.1	AI_TP238_0.3	AI_TP239_0.1	AI_TP239_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14202	S21-No14203	S21-No14204	S21-No14205
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	98	110	101	103
D3-N-MeFOSA (surr.)	1	%	79	84	82	85
D5-N-EtFOSA (surr.)	1	%	79	88	77	78
D7-N-MeFOSE (surr.)	1	%	92	99	86	96
D9-N-EtFOSE (surr.)	1	%	98	104	99	107
D5-N-EtFOSAA (surr.)	1	%	146	97	145	143
D3-N-MeFOSAA (surr.)	1	%	104	68	93	104
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	127	128	121	123
18O2-PFHxS (surr.)	1	%	101	121	109	116
13C8-PFOS (surr.)	1	%	91	103	99	94
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	95	84	100	98
13C2-6:2 FTSA (surr.)	1	%	99	130	110	130
13C2-8:2 FTSA (surr.)	1	%	89	92	83	89
13C2-10:2 FTSA (surr.)	1	%	113	111	115	135
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	-
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	-
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	-
TRH C29-C36	50	mg/kg	< 50	< 50	82	-
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	82	-
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	-
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	-
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	-
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	-
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	-
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	-
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	-
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	-
4-Bromofluorobenzene (surr.)	1	%	82	52	150	-
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	-
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Bromofluorobenzene (surr.)	1	%	82	52	150	-
Toluene-d8 (surr.)	1	%	88	57	81	-
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	-
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	108	70	87	-
p-Terphenyl-d14 (surr.)	1	%	102	66	81	-
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	83	INT	69	-
Tetrachloro-m-xylene (surr.)	1	%	95	61	76	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	< 2	< 2	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	< 2	< 2	< 2	-
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Omethoate	2	mg/kg	< 2	< 2	< 2	-
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	119	70	99	-
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	108	70	87	-
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	-
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	-
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	-

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	64	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	-
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	-
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	-
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	-
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	-
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	-
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Nitrobenzene-d5 (surr.)	1	%	115	73	94	-
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	-
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	98	64	72	-
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Heavy Metals						
Arsenic	2	mg/kg	5.8	7.4	7.5	-
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	-
Chromium	5	mg/kg	12	17	19	-
Copper	5	mg/kg	7.6	11	22	-
Lead	5	mg/kg	15	19	23	-
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Nickel	5	mg/kg	5.7	7.7	14	-
Zinc	5	mg/kg	11	15	61	-
% Moisture	1	%	13	17	20	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	111	111	111	104
13C5-PFPeA (surr.)	1	%	128	111	118	109
13C5-PFHxA (surr.)	1	%	118	125	111	120
13C4-PFHpA (surr.)	1	%	128	116	104	106
13C8-PFOA (surr.)	1	%	135	117	116	111
13C5-PFNA (surr.)	1	%	145	138	137	115
13C6-PFDA (surr.)	1	%	128	109	123	106
13C2-PFUnDA (surr.)	1	%	138	141	135	122
13C2-PFDoDA (surr.)	1	%	148	145	134	104
13C2-PFTeDA (surr.)	1	%	115	111	113	136
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	104	117	115	108
D3-N-MeFOSA (surr.)	1	%	84	81	82	132
D5-N-EtFOSA (surr.)	1	%	81	84	78	96
D7-N-MeFOSE (surr.)	1	%	96	99	101	88
D9-N-EtFOSE (surr.)	1	%	116	107	107	108
D5-N-EtFOSAA (surr.)	1	%	152	152	145	123
D3-N-MeFOSAA (surr.)	1	%	116	112	109	130
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	134	134	122	130
18O2-PFHxS (surr.)	1	%	110	103	111	123
13C8-PFOS (surr.)	1	%	106	97	106	107

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Client Sample ID			AI_TP240_0.1	AI_TP240_0.3	AI_20211101_D01	AI_20211101_D02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14206	S21-No14207	S21-No14208	S21-No14209
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	94	90	110	135
13C2-6:2 FTSA (surr.)	1	%	113	109	114	142
13C2-8:2 FTSA (surr.)	1	%	95	92	90	151
13C2-10:2 FTSA (surr.)	1	%	122	115	116	95
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	-	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	-	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	-	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	-	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	-	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	-	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	-	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	-	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	-	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	-	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	-	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	87	66	71

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Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	-	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	-	87	66	71
Toluene-d8 (surr.)	1	%	-	125	72	77
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	101	78	99
p-Terphenyl-d14 (surr.)	1	%	-	95	76	90
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	87	59	69
Tetrachloro-m-xylene (surr.)	1	%	-	89	73	85
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	< 2	< 2	< 2
Naled	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	-	< 2	< 2	< 2
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	120	90	104

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Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	101	78	99
2-Methylnaphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	-	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	-	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	-	52	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	-	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	-	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	-	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	-	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	-	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5

DRAFT

Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	-	105	82	102
Pentachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	-	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	-	85	77	70
Pronamide	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	-	9.3	14	15
Cadmium	0.4	mg/kg	-	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	-	19	32	29
Copper	5	mg/kg	-	14	31	18
Lead	5	mg/kg	-	24	39	28
Mercury	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	-	8.6	22	9.2
Zinc	5	mg/kg	-	19	43	21
% Moisture	1	%	16	13	15	9.7
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	104	102	103	103
13C5-PFPeA (surr.)	1	%	106	109	105	116
13C5-PFHxA (surr.)	1	%	114	121	118	114
13C4-PFHpA (surr.)	1	%	106	117	108	103
13C8-PFOA (surr.)	1	%	114	108	107	115
13C5-PFNA (surr.)	1	%	115	115	107	119
13C6-PFDA (surr.)	1	%	112	109	118	109
13C2-PFUnDA (surr.)	1	%	116	111	113	114
13C2-PFDoDA (surr.)	1	%	107	100	97	101
13C2-PFTeDA (surr.)	1	%	132	132	121	123

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Client Sample ID			AI_20211101_D03	AI_TP242_0.1	AI_TP242_0.3	AI_TP243_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14210	S21-No18553	S21-No18554	S21-No18555
Date Sampled			Nov 01, 2021	Nov 01, 2021	Nov 01, 2021	Nov 01, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	121	117	110	106
D3-N-MeFOSA (surr.)	1	%	134	146	142	138
D5-N-EtFOSA (surr.)	1	%	96	104	98	104
D7-N-MeFOSE (surr.)	1	%	97	101	102	92
D9-N-EtFOSE (surr.)	1	%	110	109	111	116
D5-N-EtFOSAA (surr.)	1	%	148	116	110	123
D3-N-MeFOSAA (surr.)	1	%	150	116	108	122
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	116	116	122	121
18O2-PFHxS (surr.)	1	%	109	118	122	131
13C8-PFOS (surr.)	1	%	84	92	105	96
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	138	125	100	128
13C2-6:2 FTSA (surr.)	1	%	97	102	108	98
13C2-8:2 FTSA (surr.)	1	%	169	148	143	137
13C2-10:2 FTSA (surr.)	1	%	100	88	93	89
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP243_0.3
Sample Matrix			Soil
Eurofins Sample No.			S21-No18556
Date Sampled			Nov 01, 2021
Test/Reference	LOR	Unit	
Total Recoverable Hydrocarbons			
TRH C6-C9	20	mg/kg	< 20
TRH C10-C14	20	mg/kg	< 20
TRH C15-C28	50	mg/kg	< 50
TRH C29-C36	50	mg/kg	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5
TRH C6-C10	20	mg/kg	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20
TRH >C10-C16	50	mg/kg	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50
TRH >C16-C34	100	mg/kg	< 100
TRH >C34-C40	100	mg/kg	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100
BTEX			
Benzene	0.1	mg/kg	< 0.1
Toluene	0.1	mg/kg	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2
o-Xylene	0.1	mg/kg	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107
Volatile Organics			
1.1-Dichloroethane	0.5	mg/kg	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5
Benzene	0.1	mg/kg	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5
Bromoform	0.5	mg/kg	< 0.5
Bromomethane	0.5	mg/kg	< 0.5

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Client Sample ID			AI_TP243_0.3
Sample Matrix			Soil
Eurofins Sample No.			S21-No18556
Date Sampled			Nov 01, 2021
Test/Reference	LOR	Unit	
Volatile Organics			
Carbon disulfide	0.5	mg/kg	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5
Chloroethane	0.5	mg/kg	< 0.5
Chloroform	0.5	mg/kg	< 0.5
Chloromethane	0.5	mg/kg	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1
Iodomethane	0.5	mg/kg	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5
o-Xylene	0.1	mg/kg	< 0.1
Styrene	0.5	mg/kg	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5
Toluene	0.1	mg/kg	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3
Total MAH*	0.5	mg/kg	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5
4-Bromofluorobenzene (surr.)	1	%	107
Toluene-d8 (surr.)	1	%	62
Polycyclic Aromatic Hydrocarbons			
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2
Acenaphthene	0.5	mg/kg	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5
Anthracene	0.5	mg/kg	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5
Chrysene	0.5	mg/kg	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5
Fluorene	0.5	mg/kg	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5
Naphthalene	0.5	mg/kg	< 0.5

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Client Sample ID			AI_TP243_0.3
Sample Matrix			Soil
Eurofins Sample No.			S21-No18556
Date Sampled			Nov 01, 2021
Test/Reference	LOR	Unit	
Polycyclic Aromatic Hydrocarbons			
Phenanthrene	0.5	mg/kg	< 0.5
Pyrene	0.5	mg/kg	< 0.5
Total PAH*	0.5	mg/kg	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106
p-Terphenyl-d14 (surr.)	1	%	100
Organochlorine Pesticides			
Chlordanes - Total	0.1	mg/kg	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05
a-HCH	0.05	mg/kg	< 0.05
Aldrin	0.05	mg/kg	< 0.05
b-HCH	0.05	mg/kg	< 0.05
d-HCH	0.05	mg/kg	< 0.05
Dieldrin	0.05	mg/kg	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05
Endrin	0.05	mg/kg	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05
Heptachlor	0.05	mg/kg	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05
Toxaphene	0.5	mg/kg	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1
Dibutylchlorendate (surr.)	1	%	75
Tetrachloro-m-xylene (surr.)	1	%	96
Organophosphorus Pesticides			
Azinphos-methyl	0.2	mg/kg	< 0.2
Bolstar	0.2	mg/kg	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2
Coumaphos	2	mg/kg	< 2
Demeton-S	0.2	mg/kg	< 0.2
Demeton-O	0.2	mg/kg	< 0.2
Diazinon	0.2	mg/kg	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2
Dimethoate	0.2	mg/kg	< 0.2
Disulfoton	0.2	mg/kg	< 0.2
EPN	0.2	mg/kg	< 0.2
Ethion	0.2	mg/kg	< 0.2
Ethoprop	0.2	mg/kg	< 0.2

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Client Sample ID			AI_TP243_0.3
Sample Matrix			Soil
Eurofins Sample No.			S21-No18556
Date Sampled			Nov 01, 2021
Test/Reference	LOR	Unit	
Organophosphorus Pesticides			
Ethyl parathion	0.2	mg/kg	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2
Fenthion	0.2	mg/kg	< 0.2
Malathion	0.2	mg/kg	< 0.2
Merphos	0.2	mg/kg	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2
Mevinphos	0.2	mg/kg	< 0.2
Monocrotophos	2	mg/kg	< 2
Naled	0.2	mg/kg	< 0.2
Omethoate	2	mg/kg	< 2
Phorate	0.2	mg/kg	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2
Ronnel	0.2	mg/kg	< 0.2
Terbufos	0.2	mg/kg	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2
Tokuthion	0.2	mg/kg	< 0.2
Trichloronate	0.2	mg/kg	< 0.2
Triphenylphosphate (surr.)	1	%	116
Semivolatile Organics			
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106
2-Methylnaphthalene	0.5	mg/kg	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5
2-Nitroaniline	1	mg/kg	< 1
2-Nitrophenol	1	mg/kg	< 1
2-Picoline	0.5	mg/kg	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5

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Client Sample ID			AI_TP243_0.3
Sample Matrix			Soil
Eurofins Sample No.			S21-No18556
Date Sampled			Nov 01, 2021
Test/Reference	LOR	Unit	
Semivolatile Organics			
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5
4-Nitrophenol	5	mg/kg	< 5
4.4'-DDD	0.5	mg/kg	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5
4.4'-DDT	1	mg/kg	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5
a-HCH	0.5	mg/kg	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5
Acetophenone	0.5	mg/kg	< 0.5
Aldrin	0.5	mg/kg	< 0.5
Aniline	0.5	mg/kg	< 0.5
Anthracene	0.5	mg/kg	< 0.5
b-HCH	0.5	mg/kg	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5
Chrysene	0.5	mg/kg	< 0.5
d-HCH	0.5	mg/kg	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5
Dieldrin	0.5	mg/kg	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5

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Client Sample ID			AI_TP243_0.3
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-No18556**
Date Sampled			**Nov 01, 2021**
Test/Reference	LOR	Unit	
Semivolatile Organics			
Endosulfan II	0.5	mg/kg	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5
Endrin	0.5	mg/kg	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5
Fluorene	0.5	mg/kg	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5
Heptachlor	0.5	mg/kg	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1
Hexachloroethane	0.5	mg/kg	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5
Naphthalene	0.5	mg/kg	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5
Nitrobenzene-d5 (surr.)	1	%	110
Pentachlorobenzene	0.5	mg/kg	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5
Pentachlorophenol	1	mg/kg	< 1
Phenanthrene	0.5	mg/kg	< 0.5
Phenol	0.5	mg/kg	< 0.5
Phenol-d6 (surr.)	1	%	95
Pronamide	0.5	mg/kg	< 0.5
Pyrene	0.5	mg/kg	< 0.5
Trifluralin	0.5	mg/kg	< 0.5
Heavy Metals			
Arsenic	2	mg/kg	13
Cadmium	0.4	mg/kg	< 0.4
Chromium	5	mg/kg	26
Copper	5	mg/kg	25
Lead	5	mg/kg	16
Mercury	0.1	mg/kg	< 0.1
Nickel	5	mg/kg	10
Zinc	5	mg/kg	23
% Moisture	1	%	19
Perfluoroalkyl carboxylic acids (PFCAs)			
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5

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Client Sample ID			AI_TP243_0.3
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-No18556**
Date Sampled			**Nov 01, 2021**
Test/Reference	LOR	Unit	
Perfluoroalkyl carboxylic acids (PFCAs)			
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5
13C4-PFBA (surr.)	1	%	88
13C5-PFPeA (surr.)	1	%	102
13C5-PFHxA (surr.)	1	%	111
13C4-PFHpA (surr.)	1	%	87
13C8-PFOA (surr.)	1	%	98
13C5-PFNA (surr.)	1	%	101
13C6-PFDA (surr.)	1	%	99
13C2-PFUnDA (surr.)	1	%	105
13C2-PFDoDA (surr.)	1	%	88
13C2-PFTeDA (surr.)	1	%	104
Perfluoroalkyl sulfonamido substances			
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10
13C8-FOSA (surr.)	1	%	100
D3-N-MeFOSA (surr.)	1	%	129
D5-N-EtFOSA (surr.)	1	%	89
D7-N-MeFOSE (surr.)	1	%	94
D9-N-EtFOSE (surr.)	1	%	99
D5-N-EtFOSAA (surr.)	1	%	107
D3-N-MeFOSAA (surr.)	1	%	116
Perfluoroalkyl sulfonic acids (PFSAs)			
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5
13C3-PFBS (surr.)	1	%	110
18O2-PFHxS (surr.)	1	%	104
13C8-PFOS (surr.)	1	%	86

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Client Sample ID			AI_TP243_0.3
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-No18556**
Date Sampled			**Nov 01, 2021**
Test/Reference	LOR	Unit	
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5
13C2-4:2 FTSA (surr.)	1	%	72
13C2-6:2 FTSA (surr.)	1	%	87
13C2-8:2 FTSA (surr.)	1	%	126
13C2-10:2 FTSA (surr.)	1	%	80
PFASs Summations			
Sum (PFHxS + PFOS)*	5	ug/kg	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 17, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 17, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 17, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 17, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Dec 14, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Dec 14, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Dec 14, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Dec 14, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
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NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838534
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	AI_TP245_0.1	Nov 01, 2021		Soil	S21-No14182	X				X	X	X	X
2	AI_TP245_0.3	Nov 01, 2021		Soil	S21-No14183					X	X	X	X
3	AI_TP246_0.1	Nov 01, 2021		Soil	S21-No14184	X				X	X	X	X
4	AI_TP246_0.3	Nov 01, 2021		Soil	S21-No14185					X	X	X	X
5	AI_TP247_0.1	Nov 01, 2021		Soil	S21-No14186	X				X	X	X	X
6	AI_TP247_0.3	Nov 01, 2021		Soil	S21-No14187					X	X	X	X
7	AI_TP248_0.1	Nov 01, 2021		Soil	S21-No14188	X				X	X	X	X
8	AI_TP248_0.3	Nov 01, 2021		Soil	S21-No14189					X	X	X	X
9	AI_TP249_0.1	Nov 01, 2021		Soil	S21-No14190	X				X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
10	AI_TP249_0.3	Nov 01, 2021		Soil	S21-No14191					X	X	X	X
11	AI_TP251_0.1	Nov 01, 2021		Soil	S21-No14192	X				X	X	X	X
12	AI_TP251_0.3	Nov 01, 2021		Soil	S21-No14193					X	X	X	X
13	AI_TP250_0.1	Nov 01, 2021		Soil	S21-No14194	X				X	X	X	X
14	AI_TP250_0.3	Nov 01, 2021		Soil	S21-No14195					X	X	X	X
15	AI_TP235_0.1	Nov 01, 2021		Soil	S21-No14196	X				X	X	X	X
16	AI_TP235_0.3	Nov 01, 2021		Soil	S21-No14197					X	X	X	X
17	AI_TP236_0.1	Nov 01, 2021		Soil	S21-No14198	X				X	X	X	X
18	AI_TP236_0.3	Nov 01, 2021		Soil	S21-No14199					X	X	X	X
19	AI_TP237_0.1	Nov 01, 2021		Soil	S21-No14200	X				X	X	X	X
20	AI_TP237_0.3	Nov 01, 2021		Soil	S21-No14201					X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
21	AI_TP238_0.1	Nov 01, 2021		Soil	S21-No14202	X				X	X	X	X
22	AI_TP238_0.3	Nov 01, 2021		Soil	S21-No14203					X	X	X	X
23	AI_TP239_0.1	Nov 01, 2021		Soil	S21-No14204	X				X	X	X	X
24	AI_TP239_0.3	Nov 01, 2021		Soil	S21-No14205					X	X	X	X
25	AI_TP240_0.1	Nov 01, 2021		Soil	S21-No14206	X				X	X	X	X
26	AI_TP240_0.3	Nov 01, 2021		Soil	S21-No14207					X	X	X	X
27	AI_20211101_D01	Nov 01, 2021		Soil	S21-No14208					X	X	X	X
28	AI_20211101_D02	Nov 01, 2021		Soil	S21-No14209				X				X
29	AI_20211101_D03	Nov 01, 2021		Soil	S21-No14210				X				X

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Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
30	AI_TS	Nov 01, 2021		Water	S21-No14211		X						
31	AI_TB	Nov 01, 2021		Water	S21-No14212		X						
32	AI_UNLABELLED A	Nov 01, 2021		Soil	S21-No18550			X					
33	AI_UNLABELLED B	Nov 01, 2021		Soil	S21-No18551			X					
34	AI_TP241_0.1	Nov 01, 2021		Soil	S21-No18552	X							
35	AI_TP242_0.1	Nov 01, 2021		Soil	S21-No18553	X				X	X	X	X
36	AI_TP242_0.3	Nov 01, 2021		Soil	S21-No18554					X	X	X	X
37	AI_TP243_0.1	Nov 01, 2021		Soil	S21-No18555	X				X	X	X	X
38	AI_TP243_0.3	Nov 01, 2021		Soil	S21-No18556					X	X	X	X

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Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838534
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail	Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254								
Sydney Laboratory - NATA # 1261 Site # 18217	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794				X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079								
Perth Laboratory - NATA # 2377 Site # 2370								
External Laboratory								
Test Counts	16	2	2	33	33	31	31	33

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	79			70-130	Pass	
TRH C10-C14	%	81			70-130	Pass	
Naphthalene	%	98			70-130	Pass	
TRH C6-C10	%	77			70-130	Pass	
TRH >C10-C16	%	78			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	114			70-130	Pass	
Toluene	%	111			70-130	Pass	
Ethylbenzene	%	109			70-130	Pass	
m&p-Xylenes	%	114			70-130	Pass	
o-Xylene	%	113			70-130	Pass	
Xylenes - Total*	%	114			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	112			70-130	Pass	
1.1.1-Trichloroethane	%	108			70-130	Pass	
1.2-Dichlorobenzene	%	101			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	114			70-130	Pass	
Benzene	%	108			70-130	Pass	
Ethylbenzene	%	101			70-130	Pass	
m&p-Xylenes	%	109			70-130	Pass	
o-Xylene	%	108			70-130	Pass	
Toluene	%	101			70-130	Pass	
Trichloroethene	%	90			70-130	Pass	
Xylenes - Total*	%	108			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	107			70-130	Pass	
Acenaphthylene	%	92			70-130	Pass	
Anthracene	%	95			70-130	Pass	
Benz(a)anthracene	%	88			70-130	Pass	
Benzo(a)pyrene	%	97			70-130	Pass	
Benzo(b&j)fluoranthene	%	89			70-130	Pass	
Benzo(g.h.i)perylene	%	84			70-130	Pass	
Benzo(k)fluoranthene	%	108			70-130	Pass	
Chrysene	%	90			70-130	Pass	
Dibenz(a.h)anthracene	%	88			70-130	Pass	
Fluoranthene	%	92			70-130	Pass	
Fluorene	%	84			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	92			70-130	Pass	
Naphthalene	%	96			70-130	Pass	
Phenanthrene	%	92			70-130	Pass	
Pyrene	%	103			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	86			70-130	Pass	
4.4'-DDD	%	85			70-130	Pass	
4.4'-DDE	%	94			70-130	Pass	
4.4'-DDT	%	99			70-130	Pass	
a-HCH	%	85			70-130	Pass	
Aldrin	%	88			70-130	Pass	
b-HCH	%	90			70-130	Pass	
d-HCH	%	88			70-130	Pass	
Dieldrin	%	86			70-130	Pass	
Endosulfan I	%	87			70-130	Pass	
Endosulfan II	%	84			70-130	Pass	
Endosulfan sulphate	%	73			70-130	Pass	
Endrin	%	117			70-130	Pass	
Endrin aldehyde	%	76			70-130	Pass	
Endrin ketone	%	71			70-130	Pass	
g-HCH (Lindane)	%	96			70-130	Pass	
Heptachlor	%	113			70-130	Pass	
Heptachlor epoxide	%	87			70-130	Pass	
Hexachlorobenzene	%	88			70-130	Pass	
Methoxychlor	%	126			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	87			70-130	Pass	
Dimethoate	%	84			70-130	Pass	
Ethion	%	124			70-130	Pass	
Fenitrothion	%	107			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	%	127			70-130	Pass	
Mevinphos	%	91			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
1.2.4-Trichlorobenzene	%	92			70-130	Pass	
1.4-Dichlorobenzene	%	92			70-130	Pass	
2-Chlorophenol	%	82			25-140	Pass	
2-Methylphenol (o-Cresol)	%	106			25-140	Pass	
2-Nitrophenol	%	99			25-140	Pass	
2.4-Dichlorophenol	%	90			25-140	Pass	
2.4-Dimethylphenol	%	73			25-140	Pass	
2.4-Dinitrotoluene	%	91			70-130	Pass	
2.4.5-Trichlorophenol	%	111			25-140	Pass	
2.4.6-Trichlorophenol	%	70			25-140	Pass	
2.6-Dichlorophenol	%	95			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	86			25-140	Pass	
4-Chloro-3-methylphenol	%	88			25-140	Pass	
4-Nitrophenol	%	107			25-140	Pass	
Acenaphthene	%	95			70-130	Pass	
Endrin aldehyde	%	94			70-130	Pass	
N-Nitrosodipropylamine	%	84			70-130	Pass	
Pentachlorophenol	%	65			25-140	Pass	
Phenol	%	72			25-140	Pass	
Pyrene	%	93			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	98			80-120	Pass	
Cadmium	%	97			80-120	Pass	
Chromium	%	113			80-120	Pass	
Copper	%	118			80-120	Pass	
Lead	%	116			80-120	Pass	
Mercury	%	107			80-120	Pass	
Nickel	%	117			80-120	Pass	
Zinc	%	107			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	72			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	80			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	74			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	71			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	76			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	64			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	72			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	68			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	80			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	67			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	88			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	79			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	75			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	84			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	82			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	68			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	72			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	83			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	77			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	95			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	76			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	76			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	72			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	75			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	86			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	96			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	68			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	66			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	85			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	84			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No42088	NCP	%	122			70-130	Pass	
TRH C10-C14	S21-No14246	NCP	%	86			70-130	Pass	
TRH C6-C10	S21-No42088	NCP	%	117			70-130	Pass	
TRH >C10-C16	S21-No14246	NCP	%	84			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No42088	NCP	%	128			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	W21-No45987	NCP	%	97			70-130	Pass	
1.1.1-Trichloroethane	W21-No45987	NCP	%	100			70-130	Pass	
1.2-Dichlorobenzene	W21-No45987	NCP	%	94			70-130	Pass	
1.2-Dichloroethane	W21-No45987	NCP	%	111			70-130	Pass	
Trichloroethene	W21-No45987	NCP	%	87			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No14271	NCP	%	87			70-130	Pass	
Pyrene	S21-No14271	NCP	%	88			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No14271	NCP	%	81			70-130	Pass	
4.4'-DDD	S21-No14271	NCP	%	82			70-130	Pass	
4.4'-DDE	S21-No14271	NCP	%	88			70-130	Pass	
4.4'-DDT	S21-No14271	NCP	%	87			70-130	Pass	
a-HCH	S21-No14271	NCP	%	77			70-130	Pass	
Aldrin	S21-No14271	NCP	%	81			70-130	Pass	
b-HCH	S21-No14271	NCP	%	80			70-130	Pass	
d-HCH	S21-No14271	NCP	%	83			70-130	Pass	
Dieldrin	S21-No14271	NCP	%	79			70-130	Pass	
Endosulfan I	S21-No14271	NCP	%	84			70-130	Pass	
Endosulfan II	S21-No14271	NCP	%	82			70-130	Pass	
Endosulfan sulphate	S21-No14276	NCP	%	71			70-130	Pass	
Endrin	S21-No14271	NCP	%	120			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin ketone	S21-No14276	NCP	%	70			70-130	Pass	
g-HCH (Lindane)	S21-No14271	NCP	%	85			70-130	Pass	
Heptachlor	S21-No14271	NCP	%	125			70-130	Pass	
Heptachlor epoxide	S21-No14271	NCP	%	80			70-130	Pass	
Hexachlorobenzene	S21-No14271	NCP	%	80			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No14271	NCP	%	120			70-130	Pass	
Dimethoate	S21-No14271	NCP	%	113			70-130	Pass	
Ethion	S21-No14276	NCP	%	122			70-130	Pass	
Fenitrothion	S21-No14276	NCP	%	106			70-130	Pass	
Methyl parathion	S21-No14276	NCP	%	119			70-130	Pass	
Mevinphos	S21-No14276	NCP	%	109			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-No14271	NCP	%	89			30-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No14184	CP	%	89			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14184	CP	%	93			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14184	CP	%	85			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14184	CP	%	89			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14184	CP	%	87			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No14184	CP	%	83			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14184	CP	%	92			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14184	CP	%	92			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14184	CP	%	99			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14184	CP	%	83			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14184	CP	%	100			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No14184	CP	%	91			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14184	CP	%	99			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14184	CP	%	112			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14184	CP	%	100			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14184	CP	%	81			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14184	CP	%	99			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14184	CP	%	96			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No14184	CP	%	80			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14184	CP	%	101			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14184	CP	%	80			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoropentanesulfonic acid (PFPeS)	S21-No14184	CP	%	88			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14184	CP	%	89			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14184	CP	%	101			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14184	CP	%	107			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14184	CP	%	115			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14184	CP	%	85			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14184	CP	%	101			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14184	CP	%	111			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14184	CP	%	94			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14201	CP	%	84			75-125	Pass	
Cadmium	S21-No14201	CP	%	86			75-125	Pass	
Chromium	S21-No14201	CP	%	98			75-125	Pass	
Copper	S21-No14201	CP	%	99			75-125	Pass	
Lead	S21-No14201	CP	%	100			75-125	Pass	
Mercury	S21-No14201	CP	%	102			75-125	Pass	
Nickel	S21-No14201	CP	%	98			75-125	Pass	
Zinc	S21-No14201	CP	%	90			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No14203	CP	%	84			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Toluene	S21-No14203	CP	%	75			70-130	Pass	
Ethylbenzene	S21-No14203	CP	%	79			70-130	Pass	
m&p-Xylenes	S21-No14203	CP	%	80			70-130	Pass	
o-Xylene	S21-No14203	CP	%	87			70-130	Pass	
Xylenes - Total*	S21-No14203	CP	%	82			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No18554	CP	%	96			75-125	Pass	
Cadmium	S21-No18554	CP	%	92			75-125	Pass	
Chromium	S21-No18554	CP	%	100			75-125	Pass	
Copper	S21-No18554	CP	%	114			75-125	Pass	
Lead	S21-No18554	CP	%	105			75-125	Pass	
Mercury	S21-No18554	CP	%	107			75-125	Pass	
Nickel	S21-No18554	CP	%	102			75-125	Pass	
Zinc	S21-No18554	CP	%	104			75-125	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14184	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14184	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Disulfoton	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14184	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14184	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14184	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14184	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
3&4-Methylphenol (m&p-Cresol)	S21-No14184	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14184	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14184	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14184	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Pronamide	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14184	CP	mg/kg	4.1	2.4	51	30%	Fail	Q15
Cadmium	S21-No14184	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14184	CP	mg/kg	10	6.2	50	30%	Fail	Q15
Copper	S21-No14184	CP	mg/kg	12	5.6	71	30%	Fail	Q15
Lead	S21-No14184	CP	mg/kg	17	8.4	69	30%	Fail	Q15
Mercury	S21-No14184	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14184	CP	mg/kg	6.5	< 5	53	30%	Fail	Q15
Zinc	S21-No14184	CP	mg/kg	27	12	76	30%	Fail	Q15
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14185	CP	%	13	15	13	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14193	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14193	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorohexanesulfonic acid (PFHxS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14193	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14193	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14195	CP	%	15	15	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14198	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14198	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14198	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14198	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14198	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14198	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14198	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
4-Chlorotoluene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14199	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14199	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14199	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14199	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.2.3-Trichloropropane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14199	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14199	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14199	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14199	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14200	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14200	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14200	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14200	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14200	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14200	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14200	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14200	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14200	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14200	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Cadmium	S21-No14200	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14200	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Copper	S21-No14200	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Lead	S21-No14200	CP	mg/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Mercury	S21-No14200	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14200	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S21-No14200	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14202	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S21-No14202	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14202	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14202	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14202	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S21-No14202	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14202	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14202	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14202	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14202	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14202	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14202	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14202	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Chloroform	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14202	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Heptachlor epoxide	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14202	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14202	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14202	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14202	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14202	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Chloronaphthalene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14202	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14202	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14202	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14202	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14202	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endrin ketone	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14202	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14202	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14205	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14205	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14205	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14205	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14206	CP	%	13	12	4.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14207	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14207	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14207	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14207	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14207	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14207	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14207	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14207	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14207	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14207	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14207	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tetrachlorvinphos	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14207	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14207	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14207	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14207	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14207	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Bis(2-ethylhexyl)phthalate	S21-No14207	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14207	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14207	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14208	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14208	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14208	CP	mg/kg	82	63	26	30%	Pass	
TRH >C10-C16	S21-No14208	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14208	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14208	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Chrysene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14208	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14208	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14208	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Methyl parathion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14208	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14208	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14208	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14208	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14208	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14208	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14208	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
4.4'-DDT	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14208	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a,j)acridine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14208	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14208	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorodecanoic acid (PFDA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No18556	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No18556	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No18556	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No18556	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
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☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses
Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers
Change container type & size if necessary.

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP203_0.1	2/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP203_0.3	2/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP202_0.1	2/11/21	S	X											
4	TP202_0.3	2/11/21	S		X										
5	TP201_0.1	2/11/21	S	X											
6	TP201_0.3	2/11/21	S		X										
7	TP200_0.1	2/11/21	S	X											
8	TP200_0.3	2/11/21	S		X										
9	TP193_0.1	2/11/21	S	X											
10	TP193_0.3	2/11/21	S		X										
	Total Counts			5	5										

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature		Date	11/3/2021	Time	
Laboratory Use Only	Received By	Adam Butar	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11/21	Time	2:47 P.M	Temperature	6.4°C
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	633536

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP203_0.1	2/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP203_0.3	2/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP202_0.1	2/11/21	S	X											
4	TP202_0.3	2/11/21	S		X										
5	TP201_0.1	2/11/21	S	X											
6	TP201_0.3	2/11/21	S		X										
7	TP200_0.1	2/11/21	S	X											
8	TP200_0.3	2/11/21	S		X										
9	TP193_0.1	2/11/21	S	X											
10	TP193_0.3	2/11/21	S		X										
	Total Counts			5	5										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Name: JACK EMBLEN Signature: Date: 11/3/2021 Time:

Laboratory Use Only								
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses
Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers
Change container type & size if necessary.

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP194_0.1	2/11/21	S	X										
12	TP194_0.3	2/11/21	S		X									
13	TP195_0.1	2/11/21	S	X										
14	TP195_0.3	2/11/21	S		X									
15	TP196_0.1	2/11/21	S	X										
16	TP196_0.3	2/11/21	S		X									
17	20211102_D01	2/11/21	S		X									
18	20211102_D02	2/11/21	S		X									
19	20211102_D03	2/11/21	S		X									
20	20211102_D04	2/11/21	S		X									
	Total Counts			3	7									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only							
Received By	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Temperature		
Received By	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Report №		

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ◆ ☐ 1 day ◆
☐ 2 days ◆ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	20211102_T01	2/11/21	S		X										PLEAS SEND TO ALS
22	20211102_T02	2/11/21	S		X										PLEAS SEND TO ALS
23	20211102_T03	2/11/21	S		X										PLEAS SEND TO ALS
24	20211102_T04	2/11/21	S		X										PLEAS SEND TO ALS
25	TS/TB	2/11/21	W			X									
26															
27															
28															
29															
30															
	Total Counts				4	1									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date: 44502 | Time

Laboratory Use Only							
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Report №	

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0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

DRAFT

eurofins | Environment Testing

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NATA # 1261 Site # 1254

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Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
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Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

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Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

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ABN: 91 05 0159 898

Perth
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NATA # 2377 Site # 2370

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Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	Bradfield City Centre
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 5, 2021 2:51 PM
Eurofins reference	838536

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

20211102_T01-T04 forwarded to ALS. Only PFAS containers received for samples T02 and TO3, sent to ALS. No soil jars received for samples 20211102-D04 and 20211102-D03, all analysis except for PFAS has been cancelled. Received a second set of TS/TB logged as TS2/TB2 on hold.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
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Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
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Mayfield East NSW 2304
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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838536
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_TP203_0.1	Nov 02, 2021		Soil	S21-No14245	X				X	X	X	X	
2	AI_TP203_0.3	Nov 02, 2021		Soil	S21-No14246					X	X	X	X	
3	AI_TP202_0.1	Nov 02, 2021		Soil	S21-No14247	X				X	X	X	X	
4	AI_TP202_0.3	Nov 02, 2021		Soil	S21-No14248					X	X	X	X	
5	AI_TP201_0.1	Nov 02, 2021		Soil	S21-No14249	X				X	X	X	X	
6	AI_TP201_0.3	Nov 02, 2021		Soil	S21-No14250					X	X	X	X	
7	AI_TP200_0.1	Nov 02, 2021		Soil	S21-No14251	X				X	X	X	X	
8	AI_TP200_0.3	Nov 02, 2021		Soil	S21-No14252					X	X	X	X	
9	AI_TP193_0.1	Nov 02, 2021		Soil	S21-No14253	X				X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
10	AI_TP193_0.3	Nov 02, 2021		Soil	S21-No14254					X	X	X	X	
11	AI_TP194_0.1	Nov 02, 2021		Soil	S21-No14255	X				X	X	X	X	
12	AI_TP194_0.3	Nov 02, 2021		Soil	S21-No14256					X	X	X	X	
13	AI_TP195_0.1	Nov 02, 2021		Soil	S21-No14257	X				X	X	X	X	
14	AI_TP195_0.3	Nov 02, 2021		Soil	S21-No14258					X	X	X	X	
15	AI_TP196_0.1	Nov 02, 2021		Soil	S21-No14259	X				X	X	X	X	
16	AI_TP196_0.3	Nov 02, 2021		Soil	S21-No14260					X	X	X	X	
17	AI_20211102_D01	Nov 02, 2021		Soil	S21-No14261					X	X	X	X	
18	AI_20211102_D02	Nov 02, 2021		Soil	S21-No14262				X				X	

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Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838536
Phone: 02 8584 8888
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Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
19	AI_20211102_D03	Nov 02, 2021		Soil	S21-No14263					X	X	X	X	
20	AI_20211102_D04	Nov 02, 2021		Soil	S21-No14264				X				X	
21	AI_TB	Nov 02, 2021		Water	S21-No25544			X						
22	AI_TS	Nov 02, 2021		Water	S21-No25545									X
23	AI_TB2	Nov 02, 2021		Water	S21-No25546		X							
24	AI_TS2	Nov 02, 2021		Water	S21-No25547		X							
Test Counts						8	2	1	20	20	18	18	20	1

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Certificate of Analysis

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Site Number 18217

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	838536-AID-V2
Project Name	Bradfield City Centre
Project ID	0571466
Received Date	Nov 05, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name Bradfield City Centre
Project ID 0571466
Date Sampled Nov 02, 2021
Report 838536-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP203_0.1	21-No14245	Nov 02, 2021	Approximate Sample 584g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP202_0.1	21-No14247	Nov 02, 2021	Approximate Sample 384g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP201_0.1	21-No14249	Nov 02, 2021	Approximate Sample 580g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP200_0.1	21-No14251	Nov 02, 2021	Approximate Sample 598g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP193_0.1	21-No14253	Nov 02, 2021	Approximate Sample 570g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP194_0.1	21-No14255	Nov 02, 2021	Approximate Sample 506g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP195_0.1	21-No14257	Nov 02, 2021	Approximate Sample 512g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP196_0.1	21-No14259	Nov 02, 2021	Approximate Sample 551g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 07, 2021	Indefinite

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Bennel Jiri	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Attention: **Nicholas Grbich**

Report **838536-S-V2**
Project name Bradfield City Centre
Project ID 0571466
Received Date Nov 05, 2021

Client Sample ID			**AI_TP203_0.1**	**AI_TP203_0.3**	**AI_TP202_0.1**	**AI_TP202_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14245**	**S21-No14246**	**S21-No14247**	**S21-No14248**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	70	50	84	70
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP203_0.1	AI_TP203_0.3	AI_TP202_0.1	AI_TP202_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14245	S21-No14246	S21-No14247	S21-No14248
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	70	50	84	70
Toluene-d8 (surr.)	1	%	74	102	90	74

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Client Sample ID			AI_TP203_0.1	AI_TP203_0.3	AI_TP202_0.1	AI_TP202_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14245	S21-No14246	S21-No14247	S21-No14248
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	131	137	140	139
p-Terphenyl-d14 (surr.)	1	%	137	147	143	INT
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	90	114	110	114
Tetrachloro-m-xylene (surr.)	1	%	93	99	99	101

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Client Sample ID			AI_TP203_0.1	AI_TP203_0.3	AI_TP202_0.1	AI_TP202_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14245	S21-No14246	S21-No14247	S21-No14248
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	99	112	108	114
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP203_0.1	AI_TP203_0.3	AI_TP202_0.1	AI_TP202_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14245	S21-No14246	S21-No14247	S21-No14248
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	131	137	140	139
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	111	135	119	131
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP203_0.1	AI_TP203_0.3	AI_TP202_0.1	AI_TP202_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14245	S21-No14246	S21-No14247	S21-No14248
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	144	INT	INT	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	123	138	131	130
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP203_0.1	AI_TP203_0.3	AI_TP202_0.1	AI_TP202_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14245	S21-No14246	S21-No14247	S21-No14248
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	4.8	8.2	8.4	6.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	13	28	21	24
Copper	5	mg/kg	5.4	21	14	13
Lead	5	mg/kg	13	19	19	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	17	8.2	14
Zinc	5	mg/kg	8.8	26	26	35
% Moisture	1	%	15	22	18	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	78	64	70	68
13C5-PFPeA (surr.)	1	%	99	93	93	94
13C5-PFHxA (surr.)	1	%	128	104	114	115
13C4-PFHpA (surr.)	1	%	140	108	113	107
13C8-PFOA (surr.)	1	%	119	94	103	104
13C5-PFNA (surr.)	1	%	122	95	101	92
13C6-PFDA (surr.)	1	%	129	116	105	113
13C2-PFUnDA (surr.)	1	%	134	99	116	106
13C2-PFDoDA (surr.)	1	%	116	102	112	104
13C2-PFTeDA (surr.)	1	%	135	130	133	133
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	89	93	99	96
D3-N-MeFOSA (surr.)	1	%	57	71	69	74
D5-N-EtFOSA (surr.)	1	%	51	60	50	52
D7-N-MeFOSE (surr.)	1	%	31	34	44	50
D9-N-EtFOSE (surr.)	1	%	28	39	43	44
D5-N-EtFOSAA (surr.)	1	%	121	80	113	79
D3-N-MeFOSAA (surr.)	1	%	107	64	85	64

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Client Sample ID			AI_TP203_0.1	AI_TP203_0.3	AI_TP202_0.1	AI_TP202_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14245	S21-No14246	S21-No14247	S21-No14248
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	155	140	146	133
18O2-PFHxS (surr.)	1	%	146	135	144	142
13C8-PFOS (surr.)	1	%	141	131	131	131
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	112	59	123	84
13C2-6:2 FTSA (surr.)	1	%	150	128	115	88
13C2-8:2 FTSA (surr.)	1	%	113	69	92	90
13C2-10:2 FTSA (surr.)	1	%	INT	142	INT	156
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	83	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	76	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	159	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	140	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	140	< 100

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Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	53	68	88	124
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	53	68	88	124
Toluene-d8 (surr.)	1	%	114	73	91	53
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	141	129	138	138
p-Terphenyl-d14 (surr.)	1	%	144	142	143	144
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	121	112	112	110
Tetrachloro-m-xylene (surr.)	1	%	99	96	97	98
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	112	110	107	104
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	141	129	138	138
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	125	134	125	141
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	147	INT	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	132	136	129	140
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	13	7.4	15	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	31	32	36	39
Copper	5	mg/kg	20	42	21	29
Lead	5	mg/kg	35	18	31	22
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	16	18	12	14
Zinc	5	mg/kg	60	75	32	46
% Moisture	1	%	11	17	19	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	77	68	82	73
13C5-PFPeA (surr.)	1	%	95	94	112	97
13C5-PFHxA (surr.)	1	%	124	126	126	106
13C4-PFHpA (surr.)	1	%	119	105	127	108
13C8-PFOA (surr.)	1	%	87	87	110	96
13C5-PFNA (surr.)	1	%	96	98	111	99
13C6-PFDA (surr.)	1	%	128	116	137	113
13C2-PFUnDA (surr.)	1	%	109	110	124	108
13C2-PFDoDA (surr.)	1	%	95	91	104	93
13C2-PFTeDA (surr.)	1	%	115	106	116	128

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Client Sample ID			AI_TP201_0.1	AI_TP201_0.3	AI_TP200_0.1	AI_TP200_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14249	S21-No14250	S21-No14251	S21-No14252
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	98	109	104	105
D3-N-MeFOSA (surr.)	1	%	84	82	74	85
D5-N-EtFOSA (surr.)	1	%	59	74	72	79
D7-N-MeFOSE (surr.)	1	%	58	58	58	67
D9-N-EtFOSE (surr.)	1	%	54	62	54	66
D5-N-EtFOSAA (surr.)	1	%	102	78	114	83
D3-N-MeFOSAA (surr.)	1	%	82	60	98	69
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	149	124	170	140
18O2-PFHxS (surr.)	1	%	130	139	135	136
13C8-PFOS (surr.)	1	%	130	134	137	133
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	108	83	148	98
13C2-6:2 FTSA (surr.)	1	%	93	74	114	125
13C2-8:2 FTSA (surr.)	1	%	77	107	110	77
13C2-10:2 FTSA (surr.)	1	%	199	117	INT	158
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	120	< 50	63	< 50
TRH C29-C36	50	mg/kg	120	< 50	76	< 50
TRH C10-C36 (Total)	50	mg/kg	240	< 50	139	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	210	< 100	120	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	210	< 100	120	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	96	53	56	71
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	96	53	56	71
Toluene-d8 (surr.)	1	%	50	67	55	69
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	137	INT	INT	147
p-Terphenyl-d14 (surr.)	1	%	144	INT	INT	INT
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	117	118	127	117
Tetrachloro-m-xylene (surr.)	1	%	98	106	114	107
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	108	118	126	117
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	137	INT	INT	147
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	114	144	133	111
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	INT	INT	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	121	INT	147	149
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.0	11	8.3	15
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	28	25	46
Copper	5	mg/kg	14	26	9.9	32
Lead	5	mg/kg	22	17	22	22
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.9	7.6	6.2	14
Zinc	5	mg/kg	33	34	15	33
% Moisture	1	%	23	18	9.4	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	87	71	82	75
13C5-PFPeA (surr.)	1	%	124	102	107	107
13C5-PFHxA (surr.)	1	%	148	113	135	122
13C4-PFHpA (surr.)	1	%	153	110	128	111
13C8-PFOA (surr.)	1	%	112	106	104	99
13C5-PFNA (surr.)	1	%	118	100	106	100
13C6-PFDA (surr.)	1	%	134	113	119	119
13C2-PFUnDA (surr.)	1	%	136	114	115	114
13C2-PFDoDA (surr.)	1	%	122	97	101	97
13C2-PFTeDA (surr.)	1	%	115	138	129	136
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	108	105	111	107
D3-N-MeFOSA (surr.)	1	%	78	84	84	82
D5-N-EtFOSA (surr.)	1	%	67	83	68	69
D7-N-MeFOSE (surr.)	1	%	63	72	64	63
D9-N-EtFOSE (surr.)	1	%	59	66	66	64
D5-N-EtFOSAA (surr.)	1	%	129	85	98	64
D3-N-MeFOSAA (surr.)	1	%	116	70	95	62
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	150	150	163	128
18O2-PFHxS (surr.)	1	%	146	141	141	143
13C8-PFOS (surr.)	1	%	136	146	139	143

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Client Sample ID			AI_TP193_0.1	AI_TP193_0.3	AI_TP194_0.1	AI_TP194_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14253	S21-No14254	S21-No14255	S21-No14256
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	INT	100	136	127
13C2-6:2 FTSA (surr.)	1	%	162	111	142	95
13C2-8:2 FTSA (surr.)	1	%	131	86	102	90
13C2-10:2 FTSA (surr.)	1	%	INT	169	183	157
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	97	53	112	74

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Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	97	53	112	74
Toluene-d8 (surr.)	1	%	57	52	65	90
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	122	126	113	128
p-Terphenyl-d14 (surr.)	1	%	118	122	111	123
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	107	102	105	113
Tetrachloro-m-xylene (surr.)	1	%	108	111	102	113
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	112	114	109	119

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Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	122	126	113	128
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	66	52	59	52
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	125	126	117	135
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	136	143	110	149
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	8.5	6.9	6.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	25	24	18	24
Copper	5	mg/kg	15	19	15	22
Lead	5	mg/kg	43	14	21	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	15	11	9.6	11
Zinc	5	mg/kg	15	26	33	36
% Moisture	1	%	23	16	29	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	87	78	82	82
13C5-PFPeA (surr.)	1	%	127	105	115	113
13C5-PFHxA (surr.)	1	%	155	121	138	120
13C4-PFHpA (surr.)	1	%	139	120	128	121
13C8-PFOA (surr.)	1	%	120	99	116	106
13C5-PFNA (surr.)	1	%	120	96	123	117
13C6-PFDA (surr.)	1	%	144	111	119	119
13C2-PFUnDA (surr.)	1	%	124	106	132	117
13C2-PFDoDA (surr.)	1	%	115	102	124	117
13C2-PFTeDA (surr.)	1	%	127	122	110	136

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Client Sample ID			AI_TP195_0.1	AI_TP195_0.3	AI_TP196_0.1	AI_TP196_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14257	S21-No14258	S21-No14259	S21-No14260
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	109	104	100	115
D3-N-MeFOSA (surr.)	1	%	68	83	77	92
D5-N-EtFOSA (surr.)	1	%	45	89	75	81
D7-N-MeFOSE (surr.)	1	%	59	78	63	72
D9-N-EtFOSE (surr.)	1	%	57	70	57	66
D5-N-EtFOSAA (surr.)	1	%	104	77	118	103
D3-N-MeFOSAA (surr.)	1	%	109	63	113	90
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	142	148	157	159
18O2-PFHxS (surr.)	1	%	149	145	146	150
13C8-PFOS (surr.)	1	%	144	141	138	147
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	156	86	154	109
13C2-6:2 FTSA (surr.)	1	%	134	100	148	147
13C2-8:2 FTSA (surr.)	1	%	123	85	113	107
13C2-10:2 FTSA (surr.)	1	%	INT	152	INT	179
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14261**	**S21-No14262**	**S21-No14263**	**S21-No14264**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	-	< 20	-
TRH C10-C14	20	mg/kg	< 20	-	< 20	-
TRH C15-C28	50	mg/kg	< 50	-	< 50	-
TRH C29-C36	50	mg/kg	< 50	-	< 50	-
TRH C10-C36 (Total)	50	mg/kg	< 50	-	< 50	-
Naphthalene[N02]	0.5	mg/kg	< 0.5	-	< 0.5	-
TRH C6-C10	20	mg/kg	< 20	-	< 20	-
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	-	< 20	-
TRH >C10-C16	50	mg/kg	< 50	-	< 50	-
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	-	< 50	-
TRH >C16-C34	100	mg/kg	< 100	-	< 100	-
TRH >C34-C40	100	mg/kg	< 100	-	< 100	-
TRH >C10-C40 (total)*	100	mg/kg	< 100	-	< 100	-
BTEX						
Benzene	0.1	mg/kg	< 0.1	-	< 0.1	-
Toluene	0.1	mg/kg	< 0.1	-	< 0.1	-
Ethylbenzene	0.1	mg/kg	< 0.1	-	< 0.1	-
m&p-Xylenes	0.2	mg/kg	< 0.2	-	< 0.2	-
o-Xylene	0.1	mg/kg	< 0.1	-	< 0.1	-
Xylenes - Total*	0.3	mg/kg	< 0.3	-	< 0.3	-
4-Bromofluorobenzene (surr.)	1	%	91	-	139	-
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.1-Dichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2-Dibromoethane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2-Dichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2-Dichloropropane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.3-Dichloropropane	0.5	mg/kg	< 0.5	-	< 0.5	-
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Butanone (MEK)	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Chlorotoluene	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	-	< 0.5	-
Allyl chloride	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzene	0.1	mg/kg	< 0.1	-	< 0.1	-
Bromobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
Bromochloromethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Bromodichloromethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Bromoform	0.5	mg/kg	< 0.5	-	< 0.5	-
Bromomethane	0.5	mg/kg	< 0.5	-	< 0.5	-

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14261	S21-No14262	S21-No14263	S21-No14264
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	-	< 0.5	-
Carbon Tetrachloride	0.5	mg/kg	< 0.5	-	< 0.5	-
Chlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
Chloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Chloroform	0.5	mg/kg	< 0.5	-	< 0.5	-
Chloromethane	0.5	mg/kg	< 0.5	-	< 0.5	-
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	-
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	-	< 0.5	-
Dibromochloromethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Dibromomethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Ethylbenzene	0.1	mg/kg	< 0.1	-	< 0.1	-
Iodomethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	-	< 0.5	-
m&p-Xylenes	0.2	mg/kg	< 0.2	-	< 0.2	-
Methylene Chloride	0.5	mg/kg	< 0.5	-	< 0.5	-
o-Xylene	0.1	mg/kg	< 0.1	-	< 0.1	-
Styrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Tetrachloroethene	0.5	mg/kg	< 0.5	-	< 0.5	-
Toluene	0.1	mg/kg	< 0.1	-	< 0.1	-
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	-
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	-	< 0.5	-
Trichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	-
Trichlorofluoromethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Vinyl chloride	0.5	mg/kg	< 0.5	-	< 0.5	-
Xylenes - Total*	0.3	mg/kg	< 0.3	-	< 0.3	-
Total MAH*	0.5	mg/kg	< 0.5	-	< 0.5	-
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	-	< 0.5	-
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Bromofluorobenzene (surr.)	1	%	91	-	139	-
Toluene-d8 (surr.)	1	%	94	-	119	-
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	-	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	-	1.2	-
Acenaphthene	0.5	mg/kg	< 0.5	-	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	-	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	-	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	-
Fluorene	0.5	mg/kg	< 0.5	-	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	-	< 0.5	-

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14261**	**S21-No14262**	**S21-No14263**	**S21-No14264**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Total PAH*	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	144	-	121	-
p-Terphenyl-d14 (surr.)	1	%	140	-	119	-
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	121	-	100	-
Tetrachloro-m-xylene (surr.)	1	%	129	-	108	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14261**	**S21-No14262**	**S21-No14263**	**S21-No14264**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	132	-	111	-
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	-	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	-	1.2	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	< 5	-
1-Chloronaphthalene	0.5	mg/kg	< 0.5	-	< 0.5	-
1-Naphthylamine	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Chloronaphthalene	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Chlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	144	-	121	-
2-Methylnaphthalene	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	< 0.2	-
2-Naphthylamine	0.5	mg/kg	< 0.5	-	< 0.5	-
2-Nitroaniline	1	mg/kg	< 1	-	< 1	-
2-Nitrophenol	1	mg/kg	< 1	-	< 1	-
2-Picoline	0.5	mg/kg	< 0.5	-	< 0.5	-
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	-	< 5	-

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14261**	**S21-No14262**	**S21-No14263**	**S21-No14264**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	< 1	-
2.4.6-Tribromophenol (surr.)	1	%	58	-	50	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.6-Dinitrotoluene	1	mg/kg	< 1	-	< 1	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	< 0.4	-
3-Methylcholanthrene	0.5	mg/kg	< 0.5	-	< 0.5	-
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Aminobiphenyl	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	< 1	-
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	-	< 5	-
4.4'-DDD	0.5	mg/kg	< 0.5	-	< 0.5	-
4.4'-DDE	0.5	mg/kg	< 0.5	-	< 0.5	-
4.4'-DDT	1	mg/kg	< 1	-	< 1	-
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	-
a-HCH	0.5	mg/kg	< 0.5	-	< 0.5	-
Acenaphthene	0.5	mg/kg	< 0.5	-	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	-	< 0.5	-
Acetophenone	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin	0.5	mg/kg	< 0.5	-	< 0.5	-
Aniline	0.5	mg/kg	< 0.5	-	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	-	< 0.5	-
b-HCH	0.5	mg/kg	< 0.5	-	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	-
Benzyl chloride	0.5	mg/kg	< 0.5	-	< 0.5	-
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	-	< 0.5	-
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	-	< 0.5	-
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	-	< 5	-
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	-	< 0.5	-
d-HCH	0.5	mg/kg	< 0.5	-	< 0.5	-
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	-
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	-
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	-	< 0.5	-
Dibenzofuran	0.5	mg/kg	< 0.5	-	< 0.5	-
Dieldrin	0.5	mg/kg	< 0.5	-	< 0.5	-
Diethyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	-
Dimethyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	-
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
Diphenylamine	0.5	mg/kg	< 0.5	-	< 0.5	-
Endosulfan I	0.5	mg/kg	< 0.5	-	< 0.5	-

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14261**	**S21-No14262**	**S21-No14263**	**S21-No14264**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	-	< 0.5	-
Endosulfan sulphate	0.5	mg/kg	< 0.5	-	< 0.5	-
Endrin	0.5	mg/kg	< 0.5	-	< 0.5	-
Endrin aldehyde	0.5	mg/kg	< 0.5	-	< 0.5	-
Endrin ketone	0.5	mg/kg	< 0.5	-	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	-
Fluorene	0.5	mg/kg	< 0.5	-	< 0.5	-
g-HCH (Lindane)	0.5	mg/kg	< 0.5	-	< 0.5	-
Heptachlor	0.5	mg/kg	< 0.5	-	< 0.5	-
Heptachlor epoxide	0.5	mg/kg	< 0.5	-	< 0.5	-
Hexachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
Hexachlorobutadiene	0.5	mg/kg	< 0.5	-	< 0.5	-
Hexachlorocyclopentadiene	1	mg/kg	< 1	-	< 1	-
Hexachloroethane	0.5	mg/kg	< 0.5	-	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Methoxychlor	0.5	mg/kg	< 0.5	-	< 0.5	-
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	-	< 0.5	-
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	-	< 0.5	-
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	-	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	-	< 0.5	-
Nitrobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
Nitrobenzene-d5 (surr.)	1	%	149	-	124	-
Pentachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	-	< 0.5	-
Pentachlorophenol	1	mg/kg	< 1	-	< 1	-
Phenanthrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Phenol	0.5	mg/kg	< 0.5	-	< 0.5	-
Phenol-d6 (surr.)	1	%	INT	-	119	-
Pronamide	0.5	mg/kg	< 0.5	-	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	-	< 0.5	-
Trifluralin	0.5	mg/kg	< 0.5	-	< 0.5	-
Heavy Metals						
Arsenic	2	mg/kg	3.7	-	12	-
Cadmium	0.4	mg/kg	< 0.4	-	< 0.4	-
Chromium	5	mg/kg	16	-	35	-
Copper	5	mg/kg	17	-	9.6	-
Lead	5	mg/kg	9.9	-	29	-
Mercury	0.1	mg/kg	< 0.1	-	< 0.1	-
Nickel	5	mg/kg	6.2	-	9.3	-
Zinc	5	mg/kg	17	-	19	-
% Moisture	1	%	16	18	17	15
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14261	S21-No14262	S21-No14263	S21-No14264
Date Sampled			Nov 02, 2021	Nov 02, 2021	Nov 02, 2021	Nov 02, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	80	133	79	130
13C5-PFPeA (surr.)	1	%	115	141	112	138
13C5-PFHxA (surr.)	1	%	130	114	149	108
13C4-PFHpA (surr.)	1	%	125	142	135	123
13C8-PFOA (surr.)	1	%	113	104	122	105
13C5-PFNA (surr.)	1	%	120	143	122	125
13C6-PFDA (surr.)	1	%	101	127	124	129
13C2-PFUnDA (surr.)	1	%	113	123	119	149
13C2-PFDoDA (surr.)	1	%	100	130	101	137
13C2-PFTeDA (surr.)	1	%	138	109	127	107
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	114	94	96	98
D3-N-MeFOSA (surr.)	1	%	94	139	91	136
D5-N-EtFOSA (surr.)	1	%	85	110	71	110
D7-N-MeFOSE (surr.)	1	%	81	104	68	92
D9-N-EtFOSE (surr.)	1	%	74	89	67	98
D5-N-EtFOSAA (surr.)	1	%	75	75	110	81
D3-N-MeFOSAA (surr.)	1	%	68	68	108	69
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	158	106	150	103
18O2-PFHxS (surr.)	1	%	148	109	138	108
13C8-PFOS (surr.)	1	%	134	89	142	95

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Client Sample ID			AI_20211102_D01	AI_20211102_D02	AI_20211102_D03	AI_20211102_D04
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14261**	**S21-No14262**	**S21-No14263**	**S21-No14264**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	99	89	120	80
13C2-6:2 FTSA (surr.)	1	%	88	104	91	97
13C2-8:2 FTSA (surr.)	1	%	99	130	102	113
13C2-10:2 FTSA (surr.)	1	%	162	123	181	108
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 16, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 16, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 16, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 16, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 16, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 16, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 16, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 16, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 16, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 16, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Brisbane	Nov 07, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Nov 22, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Nov 22, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Nov 22, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Nov 22, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	74			70-130	Pass	
TRH C10-C14	%	93			70-130	Pass	
Naphthalene	%	105			70-130	Pass	
TRH C6-C10	%	73			70-130	Pass	
TRH >C10-C16	%	89			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	113			70-130	Pass	
Toluene	%	112			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	113			70-130	Pass	
o-Xylene	%	112			70-130	Pass	
Xylenes - Total*	%	113			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	108			70-130	Pass	
1.1.1-Trichloroethane	%	105			70-130	Pass	
1.2-Dichlorobenzene	%	101			70-130	Pass	
1.2-Dichloroethane	%	115			70-130	Pass	
Trichloroethene	%	89			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	91			70-130	Pass	
Acenaphthylene	%	84			70-130	Pass	
Anthracene	%	83			70-130	Pass	
Benz(a)anthracene	%	81			70-130	Pass	
Benzo(a)pyrene	%	87			70-130	Pass	
Benzo(b&j)fluoranthene	%	87			70-130	Pass	
Benzo(g.h.i)perylene	%	73			70-130	Pass	
Benzo(k)fluoranthene	%	94			70-130	Pass	
Chrysene	%	83			70-130	Pass	
Dibenz(a.h)anthracene	%	72			70-130	Pass	
Fluoranthene	%	80			70-130	Pass	
Fluorene	%	86			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	76			70-130	Pass	
Naphthalene	%	87			70-130	Pass	
Phenanthrene	%	81			70-130	Pass	
Pyrene	%	93			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chlordanes - Total	%	78			70-130	Pass	
4.4'-DDD	%	85			70-130	Pass	
4.4'-DDE	%	79			70-130	Pass	
4.4'-DDT	%	76			70-130	Pass	
a-HCH	%	80			70-130	Pass	
Aldrin	%	70			70-130	Pass	
b-HCH	%	73			70-130	Pass	
d-HCH	%	71			70-130	Pass	
Dieldrin	%	70			70-130	Pass	
Endosulfan I	%	70			70-130	Pass	
Endosulfan II	%	80			70-130	Pass	
Endosulfan sulphate	%	77			70-130	Pass	
Endrin	%	77			70-130	Pass	
Endrin aldehyde	%	71			70-130	Pass	
Endrin ketone	%	73			70-130	Pass	
g-HCH (Lindane)	%	71			70-130	Pass	
Heptachlor	%	113			70-130	Pass	
Heptachlor epoxide	%	81			70-130	Pass	
Hexachlorobenzene	%	78			70-130	Pass	
Methoxychlor	%	99			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	77			70-130	Pass	
Dimethoate	%	81			70-130	Pass	
Ethion	%	103			70-130	Pass	
Fenitrothion	%	120			70-130	Pass	
Methyl parathion	%	117			70-130	Pass	
Mevinphos	%	101			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	76			25-140	Pass	
1.2.4-Trichlorobenzene	%	85			70-130	Pass	
1.4-Dichlorobenzene	%	84			70-130	Pass	
2-Chlorophenol	%	83			25-140	Pass	
2-Methylphenol (o-Cresol)	%	80			25-140	Pass	
2-Nitrophenol	%	124			25-140	Pass	
2.4-Dichlorophenol	%	78			25-140	Pass	
2.4-Dimethylphenol	%	80			25-140	Pass	
2.4-Dinitrophenol	%	125			25-140	Pass	
2.4-Dinitrotoluene	%	117			70-130	Pass	
2.4.5-Trichlorophenol	%	96			25-140	Pass	
2.4.6-Trichlorophenol	%	70			25-140	Pass	
2.6-Dichlorophenol	%	80			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	86			25-140	Pass	
4-Chloro-3-methylphenol	%	95			25-140	Pass	
4-Nitrophenol	%	91			25-140	Pass	
N-Nitrosodipropylamine	%	76			70-130	Pass	
Pentachlorophenol	%	70			25-140	Pass	
Phenol	%	80			25-140	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	88			80-120	Pass	
Cadmium	%	93			80-120	Pass	
Chromium	%	97			80-120	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Copper	%	99			80-120	Pass	
Lead	%	95			80-120	Pass	
Mercury	%	89			80-120	Pass	
Nickel	%	100			80-120	Pass	
Zinc	%	101			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	95			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	97			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	86			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	94			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	104			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	102			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	98			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	133			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	112			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	125			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	85			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	96			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	113			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	109			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	106			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	100			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	118			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	80			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	95			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	108			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	97			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	87			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	92			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	95			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	119			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	80			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	132			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	112			50-150	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q08	The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **838536-W**
Project name Bradfield City Centre
Project ID 0571466
Received Date Nov 05, 2021

Client Sample ID			**AI_TB**	**AI_TS**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S21-No25544**	**S21-No25545**
Date Sampled			**Nov 02, 2021**	**Nov 02, 2021**
Test/Reference	LOR	Unit		
BTEX				
Benzene	0.001	mg/L	< 0.001	-
Toluene	0.001	mg/L	< 0.001	-
Ethylbenzene	0.001	mg/L	< 0.001	-
m&p-Xylenes	0.002	mg/L	< 0.002	-
o-Xylene	0.001	mg/L	< 0.001	-
Xylenes - Total*	0.003	mg/L	< 0.003	-
4-Bromofluorobenzene (surr.)	1	%	121	-
BTEX				
Benzene	1	%	-	110
Ethylbenzene	1	%	-	110
m&p-Xylenes	1	%	-	110
o-Xylene	1	%	-	100
Toluene	1	%	-	110
Xylenes - Total	1	%	-	110
4-Bromofluorobenzene (surr.)	1	%	-	108

DRAFT

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Nov 11, 2021	14 Days

- Method: LTM-ORG-2010 TRH C6-C40

DRAFT

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	95			70-130	Pass	
Toluene	%	97			70-130	Pass	
Ethylbenzene	%	100			70-130	Pass	
m&p-Xylenes	%	100			70-130	Pass	
o-Xylene	%	101			70-130	Pass	
Xylenes - Total*	%	100			70-130	Pass	

DRAFT

Comments

This report was revised to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

John Nguyen	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP234_0.1	3/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP234_0.3	3/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP233_0.1	3/11/21	S	X											
4	TP233_0.3	3/11/21	S		X										
5	TP232_0.1	3/11/21	S	X											
6	TP232_0.3	3/11/21	S		X										
7	TP231_0.1	3/11/21	S	X											
8	TP231_0.3	3/11/21	S		X										
9	TP230_0.1	3/11/21	S	X											
10	TP230_0.3	3/11/21	S		X										
	Total Counts			5	5										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal — Name: JACK EMBLEN — Signature: — Date: 11/4/2021 — Time:

Laboratory Use Only									
Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11/21	Time	2:51PM	Temperature 9.1
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 838537

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

| | | | | |

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP215_0.1	3/11/21	S	X											PLEAS SEND TO ALS
22	TP215_0.3	3/11/21	S		X										PLEAS SEND TO ALS
23	TP205_0.1	3/11/21	S	X											PLEAS SEND TO ALS
24	TP205_0.3	3/11/21	S		X										PLEAS SEND TO ALS
25	TP186_0.1	3/11/21	S	X											
26	TP186_0.3	3/11/21	S		X										
27	TP187_0.1	3/11/21	S	X											
28	TP187_0.3	3/11/21	S		X										
29	TP188_0.1	3/11/21	S	X											
30	TP188_0.3	3/11/21	S		X										
	Total Counts			5	5										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal — Name — Signature — Date 44502 — Time

Laboratory Use Only								
Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 5/11/21	Time 2:31PM	Temperature	9.1
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report №	838537

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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NATA # 1261 Site # 18217

Brisbane
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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	Bradfield City Centre
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 5, 2021 2:51 PM
Eurofins reference	838537

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838537
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	AI_TP234_0.1	Nov 03, 2021		Soil	S21-No14265	X	X	X	X		X
2	AI_TP234_0.3	Nov 03, 2021		Soil	S21-No14266		X	X	X		X
3	AI_TP233_0.1	Nov 03, 2021		Soil	S21-No14267	X	X	X	X		X
4	AI_TP233_0.3	Nov 03, 2021		Soil	S21-No14268		X	X	X		X
5	AI_TP232_0.1	Nov 03, 2021		Soil	S21-No14269	X	X	X	X		X
6	AI_TP232_0.3	Nov 03, 2021		Soil	S21-No14270		X	X	X	X	
7	AI_TP231_0.1	Nov 03, 2021		Soil	S21-No14271	X	X	X	X	X	
8	AI_TP231_0.3	Nov 03, 2021		Soil	S21-No14272		X	X	X	X	
9	AI_TP230_0.1	Nov 03, 2021		Soil	S21-No14273	X	X	X	X	X	

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838537
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
10	AI_TP230_0.3	Nov 03, 2021		Soil	S21-No14274		X	X	X	X	
11	AI_TP299_0.1	Nov 03, 2021		Soil	S21-No14275	X	X	X	X	X	
12	AI_TP299_0.3	Nov 03, 2021		Soil	S21-No14276		X	X	X	X	
13	AI_TP227_0.1	Nov 03, 2021		Soil	S21-No14277	X	X	X	X	X	
14	AI_TP227_0.3	Nov 03, 2021		Soil	S21-No14278		X	X	X	X	
15	AI_TP226_0.1	Nov 03, 2021		Soil	S21-No14279	X	X	X	X	X	
16	AI_TP226_0.3	Nov 03, 2021		Soil	S21-No14280		X	X	X	X	
17	AI_TP228_0.1	Nov 03, 2021		Soil	S21-No14281	X	X	X	X	X	
18	AI_TP228_0.3	Nov 03, 2021		Soil	S21-No14282		X	X	X	X	
19	AI_TP224_0.1	Nov 03, 2021		Soil	S21-No14283	X	X	X	X		X
20	AI_TP224_0.3	Nov 03, 2021		Soil	S21-No14284		X	X	X	X	

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838537
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
21	AI_TP215_0.1	Nov 03, 2021		Soil	S21-No14285	X	X	X	X	X	
22	AI_TP215_0.3	Nov 03, 2021		Soil	S21-No14286		X	X	X		X
23	AI_TP205_0.1	Nov 03, 2021		Soil	S21-No14287	X	X	X	X	X	
24	AI_TP205_0.3	Nov 03, 2021		Soil	S21-No14288		X	X	X	X	
25	AI_TP186_0.1	Nov 03, 2021		Soil	S21-No14289	X	X	X	X	X	
26	AI_TP186_0.3	Nov 03, 2021		Soil	S21-No14290		X	X	X	X	
27	AI_TP187_0.1	Nov 03, 2021		Soil	S21-No14291	X	X	X	X	X	
28	AI_TP187_0.3	Nov 03, 2021		Soil	S21-No14292		X	X	X	X	
29	AI_TP188_0.1	Nov 03, 2021		Soil	S21-No14293	X	X	X	X	X	
30	AI_TP188_0.3	Nov 03, 2021		Soil	S21-No14294		X	X	X	X	
Test Counts						15	30	30	30	30	30

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Certificate of Analysis

eurofins | Environment Testing

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	838537-AID-V2
Project Name	Bradfield City Centre
Project ID	0571466
Received Date	Nov 05, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name Bradfield City Centre
Project ID 0571466
Date Sampled Nov 03, 2021
Report 838537-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP234_0.1	21-No14265	Nov 03, 2021	Approximate Sample 633g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP233_0.1	21-No14267	Nov 03, 2021	Approximate Sample 620g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP232_0.1	21-No14269	Nov 03, 2021	Approximate Sample 661g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP231_0.1	21-No14271	Nov 03, 2021	Approximate Sample 639g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP230_0.1	21-No14273	Nov 03, 2021	Approximate Sample 521g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP299_0.1	21-No14275	Nov 03, 2021	Approximate Sample 582g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP227_0.1	21-No14277	Nov 03, 2021	Approximate Sample 658g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP226_0.1	21-No14279	Nov 03, 2021	Approximate Sample 869g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP228_0.1	21-No14281	Nov 03, 2021	Approximate Sample 590g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP224_0.1	21-No14283	Nov 03, 2021	Approximate Sample 481g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP215_0.1	21-No14285	Nov 03, 2021	Approximate Sample 382g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP205_0.1	21-No14287	Nov 03, 2021	Approximate Sample 526g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP186_0.1	21-No14289	Nov 03, 2021	Approximate Sample 522g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP187_0.1	21-No14291	Nov 03, 2021	Approximate Sample 493g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP188_0.1	21-No14293	Nov 03, 2021	Approximate Sample 618g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 07, 2021	Indefinite

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IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838537
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	AI_TP234_0.1	Nov 03, 2021		Soil	S21-No14265	X	X	X	X		X
2	AI_TP234_0.3	Nov 03, 2021		Soil	S21-No14266		X	X	X		X
3	AI_TP233_0.1	Nov 03, 2021		Soil	S21-No14267	X	X	X	X		X
4	AI_TP233_0.3	Nov 03, 2021		Soil	S21-No14268		X	X	X		X
5	AI_TP232_0.1	Nov 03, 2021		Soil	S21-No14269	X	X	X	X		X
6	AI_TP232_0.3	Nov 03, 2021		Soil	S21-No14270		X	X	X	X	
7	AI_TP231_0.1	Nov 03, 2021		Soil	S21-No14271	X	X	X	X	X	
8	AI_TP231_0.3	Nov 03, 2021		Soil	S21-No14272		X	X	X	X	
9	AI_TP230_0.1	Nov 03, 2021		Soil	S21-No14273	X	X	X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
10	AI_TP230_0.3	Nov 03, 2021		Soil	S21-No14274		X	X	X	X	
11	AI_TP299_0.1	Nov 03, 2021		Soil	S21-No14275	X	X	X	X	X	
12	AI_TP299_0.3	Nov 03, 2021		Soil	S21-No14276		X	X	X	X	
13	AI_TP227_0.1	Nov 03, 2021		Soil	S21-No14277	X	X	X	X	X	
14	AI_TP227_0.3	Nov 03, 2021		Soil	S21-No14278		X	X	X	X	
15	AI_TP226_0.1	Nov 03, 2021		Soil	S21-No14279	X	X	X	X	X	
16	AI_TP226_0.3	Nov 03, 2021		Soil	S21-No14280		X	X	X	X	
17	AI_TP228_0.1	Nov 03, 2021		Soil	S21-No14281	X	X	X	X	X	
18	AI_TP228_0.3	Nov 03, 2021		Soil	S21-No14282		X	X	X	X	
19	AI_TP224_0.1	Nov 03, 2021		Soil	S21-No14283	X	X	X	X		X
20	AI_TP224_0.3	Nov 03, 2021		Soil	S21-No14284		X	X	X	X	

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
21	AI_TP215_0.1	Nov 03, 2021		Soil	S21-No14285	X	X	X	X	X	
22	AI_TP215_0.3	Nov 03, 2021		Soil	S21-No14286		X	X	X		X
23	AI_TP205_0.1	Nov 03, 2021		Soil	S21-No14287	X	X	X	X	X	
24	AI_TP205_0.3	Nov 03, 2021		Soil	S21-No14288		X	X	X	X	
25	AI_TP186_0.1	Nov 03, 2021		Soil	S21-No14289	X	X	X	X	X	
26	AI_TP186_0.3	Nov 03, 2021		Soil	S21-No14290		X	X	X	X	
27	AI_TP187_0.1	Nov 03, 2021		Soil	S21-No14291	X	X	X	X	X	
28	AI_TP187_0.3	Nov 03, 2021		Soil	S21-No14292		X	X	X	X	
29	AI_TP188_0.1	Nov 03, 2021		Soil	S21-No14293	X	X	X	X	X	
30	AI_TP188_0.3	Nov 03, 2021		Soil	S21-No14294		X	X	X	X	
Test Counts						15	30	30	30	30	30

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Laxman Dias	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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Level 15, 309 Kent St
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NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **838537-S-V2**
Project name Bradfield City Centre
Project ID 0571466
Received Date Nov 05, 2021

Client Sample ID			**AI_TP234_0.1**	**AI_TP234_0.3**	**AI_TP233_0.1**	**AI_TP233_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14265**	**S21-No14266**	**S21-No14267**	**S21-No14268**
Date Sampled			**Nov 03, 2021**	**Nov 03, 2021**	**Nov 03, 2021**	**Nov 03, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	108	94	106	108
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP234_0.1	AI_TP234_0.3	AI_TP233_0.1	AI_TP233_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14265	S21-No14266	S21-No14267	S21-No14268
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	108	94	106	108
Toluene-d8 (surr.)	1	%	70	66	100	109

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Client Sample ID			AI_TP234_0.1	AI_TP234_0.3	AI_TP233_0.1	AI_TP233_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14265	S21-No14266	S21-No14267	S21-No14268
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	148	97	107
p-Terphenyl-d14 (surr.)	1	%	92	132	83	101
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	82	111	68	74
Tetrachloro-m-xylene (surr.)	1	%	91	124	79	92

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Client Sample ID			AI_TP234_0.1	AI_TP234_0.3	AI_TP233_0.1	AI_TP233_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14265	S21-No14266	S21-No14267	S21-No14268
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	111	INT	92	106
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP234_0.1	AI_TP234_0.3	AI_TP233_0.1	AI_TP233_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14265	S21-No14266	S21-No14267	S21-No14268
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	148	97	107
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP234_0.1	AI_TP234_0.3	AI_TP233_0.1	AI_TP233_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14265	S21-No14266	S21-No14267	S21-No14268
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	108	148	91	108
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	87	146	82	114
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP234_0.1	AI_TP234_0.3	AI_TP233_0.1	AI_TP233_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14265	S21-No14266	S21-No14267	S21-No14268
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	7.5	6.6	7.9	5.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	19	24	16
Copper	5	mg/kg	12	25	17	19
Lead	5	mg/kg	18	11	22	9.5
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.0	11	11	7.7
Zinc	5	mg/kg	18	27	23	16
% Moisture	1	%	19	22	23	22
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	88	87	85	91
13C5-PFPeA (surr.)	1	%	106	106	97	103
13C5-PFHxA (surr.)	1	%	94	95	93	97
13C4-PFHpA (surr.)	1	%	87	91	90	96
13C8-PFOA (surr.)	1	%	91	94	88	100
13C5-PFNA (surr.)	1	%	91	89	95	92
13C6-PFDA (surr.)	1	%	91	91	93	94
13C2-PFUnDA (surr.)	1	%	94	92	93	96
13C2-PFDoDA (surr.)	1	%	96	90	100	96
13C2-PFTeDA (surr.)	1	%	92	86	81	105
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	84	88	78	87
D3-N-MeFOSA (surr.)	1	%	84	91	77	86
D5-N-EtFOSA (surr.)	1	%	86	96	80	92
D7-N-MeFOSE (surr.)	1	%	82	84	72	82
D9-N-EtFOSE (surr.)	1	%	86	86	77	85
D5-N-EtFOSAA (surr.)	1	%	95	77	112	91
D3-N-MeFOSAA (surr.)	1	%	101	76	110	99

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Client Sample ID			AI_TP234_0.1	AI_TP234_0.3	AI_TP233_0.1	AI_TP233_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14265	S21-No14266	S21-No14267	S21-No14268
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	93	97	100	99
18O2-PFHxS (surr.)	1	%	89	93	98	91
13C8-PFOS (surr.)	1	%	94	95	93	93
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	89	90	140	103
13C2-6:2 FTSA (surr.)	1	%	87	90	136	88
13C2-8:2 FTSA (surr.)	1	%	107	112	167	125
13C2-10:2 FTSA (surr.)	1	%	99	87	140	100
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107	94	111	76
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	107	94	111	76
Toluene-d8 (surr.)	1	%	106	91	110	70
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	117	110	111	128
p-Terphenyl-d14 (surr.)	1	%	105	99	101	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	82	78	76	88
Tetrachloro-m-xylene (surr.)	1	%	97	93	95	104
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	119	109	111	121
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	117	110	111	128
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	117	110	111	133
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	119	115	116	131
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.3	9.6	6.5	17
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	8.4	25	18	36
Copper	5	mg/kg	12	28	15	36
Lead	5	mg/kg	16	17	13	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.0	13	5.3	22
Zinc	5	mg/kg	16	31	14	51
% Moisture	1	%	15	21	17	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	84	108	101	67
13C5-PFPeA (surr.)	1	%	100	118	100	85
13C5-PFHxA (surr.)	1	%	88	108	110	98
13C4-PFHpA (surr.)	1	%	86	111	102	104
13C8-PFOA (surr.)	1	%	86	113	115	103
13C5-PFNA (surr.)	1	%	89	109	104	104
13C6-PFDA (surr.)	1	%	83	103	92	98
13C2-PFUnDA (surr.)	1	%	82	107	104	107
13C2-PFDoDA (surr.)	1	%	84	112	120	98
13C2-PFTeDA (surr.)	1	%	78	110	106	125

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Client Sample ID			AI_TP232_0.1	AI_TP232_0.3	AI_TP231_0.1	AI_TP231_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14269	S21-No14270	S21-No14271	S21-No14272
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	77	101	101	100
D3-N-MeFOSA (surr.)	1	%	78	101	105	91
D5-N-EtFOSA (surr.)	1	%	78	105	99	86
D7-N-MeFOSE (surr.)	1	%	74	88	93	77
D9-N-EtFOSE (surr.)	1	%	77	100	98	74
D5-N-EtFOSAA (surr.)	1	%	88	101	84	62
D3-N-MeFOSAA (surr.)	1	%	88	99	81	56
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	90	105	98	139
18O2-PFHxS (surr.)	1	%	88	109	105	136
13C8-PFOS (surr.)	1	%	87	115	113	147
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	112	93	98	62
13C2-6:2 FTSA (surr.)	1	%	85	106	108	56
13C2-8:2 FTSA (surr.)	1	%	100	118	111	90
13C2-10:2 FTSA (surr.)	1	%	92	101	87	174
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	73	92	70	100
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	73	92	70	100
Toluene-d8 (surr.)	1	%	77	91	66	100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	96	90	76
p-Terphenyl-d14 (surr.)	1	%	99	97	95	93
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	78	65	79	72
Tetrachloro-m-xylene (surr.)	1	%	91	90	86	86
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	107	101	107	98
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	96	90	76
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	58	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	110	96	92	78
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	93	107	92	100
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	21	20	14	16
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	64	58	35	40
Copper	5	mg/kg	18	33	23	34
Lead	5	mg/kg	49	46	35	38
Mercury	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1
Nickel	5	mg/kg	16	22	14	16
Zinc	5	mg/kg	42	64	46	63
% Moisture	1	%	23	22	22	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	84	102	108	109
13C5-PFPeA (surr.)	1	%	113	105	116	112
13C5-PFHxA (surr.)	1	%	129	106	114	119
13C4-PFHpA (surr.)	1	%	128	111	114	114
13C8-PFOA (surr.)	1	%	111	111	128	126
13C5-PFNA (surr.)	1	%	117	107	104	120
13C6-PFDA (surr.)	1	%	109	103	96	107
13C2-PFUnDA (surr.)	1	%	116	107	111	109
13C2-PFDoDA (surr.)	1	%	103	112	119	115
13C2-PFTeDA (surr.)	1	%	125	103	104	109
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	100	96	100	93
D3-N-MeFOSA (surr.)	1	%	86	94	99	93
D5-N-EtFOSA (surr.)	1	%	73	104	107	106
D7-N-MeFOSE (surr.)	1	%	76	86	88	79
D9-N-EtFOSE (surr.)	1	%	66	104	102	96
D5-N-EtFOSAA (surr.)	1	%	118	77	122	102
D3-N-MeFOSAA (surr.)	1	%	97	66	90	80
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	145	103	110	101
18O2-PFHxS (surr.)	1	%	136	109	121	118
13C8-PFOS (surr.)	1	%	144	95	109	113

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Client Sample ID			AI_TP230_0.1	AI_TP230_0.3	AI_TP299_0.1	AI_TP299_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14273	S21-No14274	S21-No14275	S21-No14276
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	152	86	100	115
13C2-6:2 FTSA (surr.)	1	%	140	85	103	96
13C2-8:2 FTSA (surr.)	1	%	104	86	111	107
13C2-10:2 FTSA (surr.)	1	%	183	83	85	89
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	90	82	96	81

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Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	90	82	96	81
Toluene-d8 (surr.)	1	%	82	75	87	76
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	92	102	96
p-Terphenyl-d14 (surr.)	1	%	106	88	92	86
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	94	70	75	73
Tetrachloro-m-xylene (surr.)	1	%	100	84	86	81
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	121	100	100	96

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Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	92	102	96
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	116	95	100	98
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	92	101	83	102
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	15	16	8.4	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	33	40	20	34
Copper	5	mg/kg	23	45	14	36
Lead	5	mg/kg	38	31	23	25
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	17	24	12	21
Zinc	5	mg/kg	51	92	30	69
% Moisture	1	%	24	19	16	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	105	104	105	106
13C5-PFPeA (surr.)	1	%	102	117	105	111
13C5-PFHxA (surr.)	1	%	111	108	114	107
13C4-PFHpA (surr.)	1	%	112	98	102	96
13C8-PFOA (surr.)	1	%	119	110	117	122
13C5-PFNA (surr.)	1	%	104	107	106	104
13C6-PFDA (surr.)	1	%	102	93	103	99
13C2-PFUnDA (surr.)	1	%	112	95	105	103
13C2-PFDoDA (surr.)	1	%	116	106	114	105
13C2-PFTeDA (surr.)	1	%	105	104	106	105

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Client Sample ID			AI_TP227_0.1	AI_TP227_0.3	AI_TP226_0.1	AI_TP226_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14277	S21-No14278	S21-No14279	S21-No14280
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	95	94	91	94
D3-N-MeFOSA (surr.)	1	%	99	94	91	99
D5-N-EtFOSA (surr.)	1	%	106	100	104	100
D7-N-MeFOSE (surr.)	1	%	95	84	86	92
D9-N-EtFOSE (surr.)	1	%	104	95	105	97
D5-N-EtFOSAA (surr.)	1	%	117	61	111	76
D3-N-MeFOSAA (surr.)	1	%	90	48	84	65
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	106	103	105	103
18O2-PFHxS (surr.)	1	%	109	106	94	119
13C8-PFOS (surr.)	1	%	107	104	114	103
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	103	90	112	99
13C2-6:2 FTSA (surr.)	1	%	94	95	119	99
13C2-8:2 FTSA (surr.)	1	%	99	92	103	129
13C2-10:2 FTSA (surr.)	1	%	102	95	101	103
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	86	85	86	59
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	86	85	86	59
Toluene-d8 (surr.)	1	%	90	76	90	82
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	94	94	61	104
p-Terphenyl-d14 (surr.)	1	%	84	81	64	87
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	72	63	63	79
Tetrachloro-m-xylene (surr.)	1	%	81	78	63	84
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	91	86	60	99
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	94	94	61	104
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	123	68	72
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	91	93	68	98
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	77	95	57	105
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	21	31	7.8	8.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	46	67	15	28
Copper	5	mg/kg	36	100	18	36
Lead	5	mg/kg	48	95	20	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	26	35	10	16
Zinc	5	mg/kg	86	160	21	45
% Moisture	1	%	13	14	21	27
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	105	97	113	91
13C5-PFPeA (surr.)	1	%	101	93	134	101
13C5-PFHxA (surr.)	1	%	110	110	122	94
13C4-PFHpA (surr.)	1	%	105	97	120	86
13C8-PFOA (surr.)	1	%	132	121	128	120
13C5-PFNA (surr.)	1	%	101	99	127	91
13C6-PFDA (surr.)	1	%	105	88	134	95
13C2-PFUnDA (surr.)	1	%	112	104	139	87
13C2-PFDoDA (surr.)	1	%	110	108	137	115
13C2-PFTeDA (surr.)	1	%	114	105	145	98
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	99	97	114	96
D3-N-MeFOSA (surr.)	1	%	102	99	113	80
D5-N-EtFOSA (surr.)	1	%	106	98	119	88
D7-N-MeFOSE (surr.)	1	%	83	90	109	84
D9-N-EtFOSE (surr.)	1	%	105	104	114	94
D5-N-EtFOSAA (surr.)	1	%	123	84	146	73
D3-N-MeFOSAA (surr.)	1	%	85	61	146	77
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	102	103	130	103
18O2-PFHxS (surr.)	1	%	120	102	127	88
13C8-PFOS (surr.)	1	%	114	112	138	97

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Client Sample ID			AI_TP228_0.1	AI_TP228_0.3	AI_TP224_0.1	AI_TP224_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14281	S21-No14282	S21-No14283	S21-No14284
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	103	96	135	85
13C2-6:2 FTSA (surr.)	1	%	110	85	122	93
13C2-8:2 FTSA (surr.)	1	%	107	108	182	97
13C2-10:2 FTSA (surr.)	1	%	111	104	173	81
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	86	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	86	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107	96	97	99

DRAFT

Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	107	96	97	99
Toluene-d8 (surr.)	1	%	94	73	89	86
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	92	99	99	104
p-Terphenyl-d14 (surr.)	1	%	80	86	82	89
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	77	79	64	69
Tetrachloro-m-xylene (surr.)	1	%	77	81	79	85
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	90	95	83	93

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Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	92	99	99	104
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	60	100	69	100
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	89	93	90	98
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	69	104	82	104
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.1	7.9	7.5	5.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	24	24	17	20
Copper	5	mg/kg	25	30	14	28
Lead	5	mg/kg	27	16	23	13
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	14	14	8.7	13
Zinc	5	mg/kg	53	40	18	27
% Moisture	1	%	25	23	18	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	87	107	100
13C5-PFPeA (surr.)	1	%	112	102	108	109
13C5-PFHxA (surr.)	1	%	113	93	106	107
13C4-PFHpA (surr.)	1	%	108	91	101	105
13C8-PFOA (surr.)	1	%	117	87	134	116
13C5-PFNA (surr.)	1	%	111	87	99	94
13C6-PFDA (surr.)	1	%	99	82	107	99
13C2-PFUnDA (surr.)	1	%	114	84	115	105
13C2-PFDoDA (surr.)	1	%	126	86	121	117
13C2-PFTeDA (surr.)	1	%	133	84	113	111

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Client Sample ID			AI_TP215_0.1	AI_TP215_0.3	AI_TP205_0.1	AI_TP205_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14285	S21-No14286	S21-No14287	S21-No14288
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	103	80	96	99
D3-N-MeFOSA (surr.)	1	%	91	75	103	92
D5-N-EtFOSA (surr.)	1	%	100	84	103	101
D7-N-MeFOSE (surr.)	1	%	85	77	88	82
D9-N-EtFOSE (surr.)	1	%	105	78	108	107
D5-N-EtFOSAA (surr.)	1	%	125	86	111	101
D3-N-MeFOSAA (surr.)	1	%	103	88	91	84
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	109	94	105	101
18O2-PFHxS (surr.)	1	%	97	90	104	114
13C8-PFOS (surr.)	1	%	116	89	109	109
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	123	96	114	85
13C2-6:2 FTSA (surr.)	1	%	147	85	119	98
13C2-8:2 FTSA (surr.)	1	%	133	102	122	99
13C2-10:2 FTSA (surr.)	1	%	126	88	106	86
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	102	106	115	118
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	102	106	115	118
Toluene-d8 (surr.)	1	%	88	95	100	105
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	111	144	103	108
p-Terphenyl-d14 (surr.)	1	%	96	132	88	91
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	84	116	77	74
Tetrachloro-m-xylene (surr.)	1	%	92	122	84	87
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	105	147	94	98
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	111	144	103	108
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	106	143	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	105	132	98	101
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	104	136	98	104
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	12	6.6	9.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	27	45	24	38
Copper	5	mg/kg	11	24	11	21
Lead	5	mg/kg	27	23	18	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.0	17	9.7	15
Zinc	5	mg/kg	14	40	14	24
% Moisture	1	%	21	20	19	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	104	119	124	109
13C5-PFPeA (surr.)	1	%	106	140	130	99
13C5-PFHxA (surr.)	1	%	111	116	110	107
13C4-PFHpA (surr.)	1	%	103	118	128	111
13C8-PFOA (surr.)	1	%	123	125	124	116
13C5-PFNA (surr.)	1	%	98	110	115	101
13C6-PFDA (surr.)	1	%	94	131	125	98
13C2-PFUnDA (surr.)	1	%	99	106	100	108
13C2-PFDoDA (surr.)	1	%	102	105	101	99
13C2-PFTeDA (surr.)	1	%	112	112	97	110
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	93	116	115	102
D3-N-MeFOSA (surr.)	1	%	99	83	75	103
D5-N-EtFOSA (surr.)	1	%	101	91	66	111
D7-N-MeFOSE (surr.)	1	%	87	102	82	80
D9-N-EtFOSE (surr.)	1	%	99	110	72	102
D5-N-EtFOSAA (surr.)	1	%	105	96	107	77
D3-N-MeFOSAA (surr.)	1	%	86	87	101	52
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	112	124	105
18O2-PFHxS (surr.)	1	%	103	133	118	114
13C8-PFOS (surr.)	1	%	106	125	123	112

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Client Sample ID			AI_TP186_0.1	AI_TP186_0.3	AI_TP187_0.1	AI_TP187_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14289	S21-No14290	S21-No14291	S21-No14292
Date Sampled			Nov 03, 2021	Nov 03, 2021	Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	99	85	119	101
13C2-6:2 FTSA (surr.)	1	%	98	62	117	88
13C2-8:2 FTSA (surr.)	1	%	118	118	89	116
13C2-10:2 FTSA (surr.)	1	%	102	100	126	104
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons				
TRH C6-C9	20	mg/kg	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100
BTEX				
Benzene	0.1	mg/kg	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	116	111

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Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Volatile Organics				
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Volatile Organics				
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	116	111
Toluene-d8 (surr.)	1	%	105	101
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	112
p-Terphenyl-d14 (surr.)	1	%	91	100
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05

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Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Organochlorine Pesticides				
Heptachlor	0.05	mg/kg	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	84	73
Tetrachloro-m-xylene (surr.)	1	%	87	92
Organophosphorus Pesticides				
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	98	100

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Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	112
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Acetophenone	0.5	mg/kg	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Nitrobenzene-d5 (surr.)	1	%	102	108
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	104	111
Pronamide	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5
Heavy Metals				
Arsenic	2	mg/kg	9.0	6.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4
Chromium	5	mg/kg	25	25
Copper	5	mg/kg	9.9	23
Lead	5	mg/kg	24	14
Mercury	0.1	mg/kg	< 0.1	< 0.1
Nickel	5	mg/kg	7.7	11
Zinc	5	mg/kg	15	28
% Moisture	1	%	18	16
Perfluoroalkyl carboxylic acids (PFCAs)				
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5
13C4-PFBA (surr.)	1	%	104	109
13C5-PFPeA (surr.)	1	%	107	103
13C5-PFHxA (surr.)	1	%	112	108
13C4-PFHpA (surr.)	1	%	104	107
13C8-PFOA (surr.)	1	%	122	127
13C5-PFNA (surr.)	1	%	114	100
13C6-PFDA (surr.)	1	%	97	89
13C2-PFUnDA (surr.)	1	%	107	101
13C2-PFDoDA (surr.)	1	%	113	110
13C2-PFTeDA (surr.)	1	%	116	110

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Client Sample ID			AI_TP188_0.1	AI_TP188_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14293	S21-No14294
Date Sampled			Nov 03, 2021	Nov 03, 2021
Test/Reference	LOR	Unit		
Perfluoroalkyl sulfonamido substances				
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10
13C8-FOSA (surr.)	1	%	95	93
D3-N-MeFOSA (surr.)	1	%	92	91
D5-N-EtFOSA (surr.)	1	%	100	102
D7-N-MeFOSE (surr.)	1	%	83	82
D9-N-EtFOSE (surr.)	1	%	104	99
D5-N-EtFOSAA (surr.)	1	%	106	94
D3-N-MeFOSAA (surr.)	1	%	89	66
Perfluoroalkyl sulfonic acids (PFSAs)				
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5
13C3-PFBS (surr.)	1	%	107	102
18O2-PFHxS (surr.)	1	%	101	106
13C8-PFOS (surr.)	1	%	100	102
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	107	111
13C2-6:2 FTSA (surr.)	1	%	91	99
13C2-8:2 FTSA (surr.)	1	%	99	108
13C2-10:2 FTSA (surr.)	1	%	124	125
PFASs Summations				
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 18, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 18, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 18, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 18, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 18, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 18, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 18, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 18, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 18, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 18, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 07, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Sydney	Nov 18, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Sydney	Nov 18, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Nov 22, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Nov 22, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
PFASs Summations	Brisbane	Nov 08, 2021	
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
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Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838537
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 12, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	AI_TP234_0.1	Nov 03, 2021		Soil	S21-No14265	X	X	X	X		X
2	AI_TP234_0.3	Nov 03, 2021		Soil	S21-No14266		X	X	X		X
3	AI_TP233_0.1	Nov 03, 2021		Soil	S21-No14267	X	X	X	X		X
4	AI_TP233_0.3	Nov 03, 2021		Soil	S21-No14268		X	X	X		X
5	AI_TP232_0.1	Nov 03, 2021		Soil	S21-No14269	X	X	X	X		X
6	AI_TP232_0.3	Nov 03, 2021		Soil	S21-No14270		X	X	X	X	
7	AI_TP231_0.1	Nov 03, 2021		Soil	S21-No14271	X	X	X	X	X	
8	AI_TP231_0.3	Nov 03, 2021		Soil	S21-No14272		X	X	X	X	
9	AI_TP230_0.1	Nov 03, 2021		Soil	S21-No14273	X	X	X	X	X	

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Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
10	AI_TP230_0.3	Nov 03, 2021		Soil	S21-No14274		X	X	X	X	
11	AI_TP299_0.1	Nov 03, 2021		Soil	S21-No14275	X	X	X	X	X	
12	AI_TP299_0.3	Nov 03, 2021		Soil	S21-No14276		X	X	X	X	
13	AI_TP227_0.1	Nov 03, 2021		Soil	S21-No14277	X	X	X	X	X	
14	AI_TP227_0.3	Nov 03, 2021		Soil	S21-No14278		X	X	X	X	
15	AI_TP226_0.1	Nov 03, 2021		Soil	S21-No14279	X	X	X	X	X	
16	AI_TP226_0.3	Nov 03, 2021		Soil	S21-No14280		X	X	X	X	
17	AI_TP228_0.1	Nov 03, 2021		Soil	S21-No14281	X	X	X	X	X	
18	AI_TP228_0.3	Nov 03, 2021		Soil	S21-No14282		X	X	X	X	
19	AI_TP224_0.1	Nov 03, 2021		Soil	S21-No14283	X	X	X	X		X
20	AI_TP224_0.3	Nov 03, 2021		Soil	S21-No14284		X	X	X	X	

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Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254											
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X	X
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
21	AI_TP215_0.1	Nov 03, 2021		Soil	S21-No14285	X	X	X	X	X	
22	AI_TP215_0.3	Nov 03, 2021		Soil	S21-No14286		X	X	X		X
23	AI_TP205_0.1	Nov 03, 2021		Soil	S21-No14287	X	X	X	X	X	
24	AI_TP205_0.3	Nov 03, 2021		Soil	S21-No14288		X	X	X	X	
25	AI_TP186_0.1	Nov 03, 2021		Soil	S21-No14289	X	X	X	X	X	
26	AI_TP186_0.3	Nov 03, 2021		Soil	S21-No14290		X	X	X	X	
27	AI_TP187_0.1	Nov 03, 2021		Soil	S21-No14291	X	X	X	X	X	
28	AI_TP187_0.3	Nov 03, 2021		Soil	S21-No14292		X	X	X	X	
29	AI_TP188_0.1	Nov 03, 2021		Soil	S21-No14293	X	X	X	X	X	
30	AI_TP188_0.3	Nov 03, 2021		Soil	S21-No14294		X	X	X	X	
Test Counts						15	30	30	30	30	30

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	90			70-130	Pass	
TRH C10-C14	%	92			70-130	Pass	
Naphthalene	%	94			70-130	Pass	
TRH C6-C10	%	90			70-130	Pass	
TRH >C10-C16	%	90			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	116			70-130	Pass	
Toluene	%	112			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	114			70-130	Pass	
o-Xylene	%	115			70-130	Pass	
Xylenes - Total*	%	114			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	114			70-130	Pass	
1.1.1-Trichloroethane	%	115			70-130	Pass	
1.2-Dichlorobenzene	%	100			70-130	Pass	
1.2-Dichloroethane	%	130			70-130	Pass	
Trichloroethene	%	90			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	97			70-130	Pass	
Acenaphthylene	%	92			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Anthracene	%	95			70-130	Pass	
Benz(a)anthracene	%	88			70-130	Pass	
Benzo(a)pyrene	%	97			70-130	Pass	
Benzo(b&j)fluoranthene	%	89			70-130	Pass	
Benzo(g.h.i)perylene	%	84			70-130	Pass	
Benzo(k)fluoranthene	%	108			70-130	Pass	
Chrysene	%	90			70-130	Pass	
Dibenz(a.h)anthracene	%	88			70-130	Pass	
Fluoranthene	%	92			70-130	Pass	
Fluorene	%	84			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	92			70-130	Pass	
Naphthalene	%	96			70-130	Pass	
Phenanthrene	%	92			70-130	Pass	
Pyrene	%	92			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	86			70-130	Pass	
4.4'-DDD	%	85			70-130	Pass	
4.4'-DDE	%	94			70-130	Pass	
4.4'-DDT	%	99			70-130	Pass	
a-HCH	%	85			70-130	Pass	
Aldrin	%	88			70-130	Pass	
b-HCH	%	90			70-130	Pass	
d-HCH	%	88			70-130	Pass	
Dieldrin	%	86			70-130	Pass	
Endosulfan I	%	87			70-130	Pass	
Endosulfan II	%	84			70-130	Pass	
Endosulfan sulphate	%	73			70-130	Pass	
Endrin	%	117			70-130	Pass	
Endrin aldehyde	%	76			70-130	Pass	
Endrin ketone	%	71			70-130	Pass	
g-HCH (Lindane)	%	96			70-130	Pass	
Heptachlor	%	127			70-130	Pass	
Heptachlor epoxide	%	87			70-130	Pass	
Hexachlorobenzene	%	88			70-130	Pass	
Methoxychlor	%	126			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	87			70-130	Pass	
Dimethoate	%	84			70-130	Pass	
Ethion	%	124			70-130	Pass	
Fenitrothion	%	107			70-130	Pass	
Methyl parathion	%	127			70-130	Pass	
Mevinphos	%	91			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	71			25-140	Pass	
1.2.4-Trichlorobenzene	%	92			70-130	Pass	
1.4-Dichlorobenzene	%	92			70-130	Pass	
2-Chlorophenol	%	96			25-140	Pass	
2-Methylphenol (o-Cresol)	%	87			25-140	Pass	
2-Nitrophenol	%	99			25-140	Pass	
2.4-Dichlorophenol	%	90			25-140	Pass	
2.4-Dimethylphenol	%	73			25-140	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2.4-Dinitrotoluene	%	91			70-130	Pass	
2.4.5-Trichlorophenol	%	94			25-140	Pass	
2.4.6-Trichlorophenol	%	70			25-140	Pass	
2.6-Dichlorophenol	%	95			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	86			25-140	Pass	
4-Chloro-3-methylphenol	%	95			25-140	Pass	
4-Nitrophenol	%	81			25-140	Pass	
Acenaphthene	%	98			70-130	Pass	
Endrin aldehyde	%	93			70-130	Pass	
N-Nitrosodipropylamine	%	84			70-130	Pass	
Pentachlorophenol	%	73			25-140	Pass	
Phenol	%	90			25-140	Pass	
Pyrene	%	95			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	100			80-120	Pass	
Cadmium	%	104			80-120	Pass	
Chromium	%	98			80-120	Pass	
Copper	%	99			80-120	Pass	
Lead	%	94			80-120	Pass	
Mercury	%	85			80-120	Pass	
Nickel	%	100			80-120	Pass	
Zinc	%	95			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	88			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	102			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	74			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	83			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	81			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	82			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	100			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	76			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	84			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	80			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	93			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	97			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	82			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	92			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	99			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	91			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	79			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	93			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	88			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	84			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	94			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	91			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	102			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	92			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	98			50-150	Pass	

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Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorodecanesulfonic acid (PFDS)			%	85			50-150	Pass	
LCS - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)									
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)			%	90			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)			%	82			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)			%	84			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)			%	85			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No42088	NCP	%	122			70-130	Pass	
TRH C6-C10	S21-No42088	NCP	%	117			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	W21-No45987	NCP	%	97			70-130	Pass	
1.1.1-Trichloroethane	W21-No45987	NCP	%	100			70-130	Pass	
1.2-Dichlorobenzene	W21-No45987	NCP	%	94			70-130	Pass	
1.2-Dichloroethane	W21-No45987	NCP	%	111			70-130	Pass	
Trichloroethene	W21-No45987	NCP	%	87			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No14266	CP	%	88			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No14266	CP	%	87			70-130	Pass	
Toluene	S21-No14266	CP	%	106			70-130	Pass	
Ethylbenzene	S21-No14266	CP	%	100			70-130	Pass	
m&p-Xylenes	S21-No14266	CP	%	103			70-130	Pass	
o-Xylene	S21-No14266	CP	%	108			70-130	Pass	
Xylenes - Total*	S21-No14266	CP	%	105			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-No14268	CP	%	99			70-130	Pass	
TRH >C10-C16	S21-No14268	CP	%	96			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14269	CP	%	85			75-125	Pass	
Cadmium	S21-No14269	CP	%	90			75-125	Pass	
Chromium	S21-No14269	CP	%	84			75-125	Pass	
Copper	S21-No14269	CP	%	80			75-125	Pass	
Lead	S21-No14269	CP	%	89			75-125	Pass	
Mercury	S21-No14269	CP	%	87			75-125	Pass	
Nickel	S21-No14269	CP	%	84			75-125	Pass	
Zinc	S21-No14269	CP	%	88			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No14271	CP	%	87			70-130	Pass	
Pyrene	S21-No14271	CP	%	88			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No14271	CP	%	81			70-130	Pass	
4.4'-DDD	S21-No14271	CP	%	82			70-130	Pass	
4.4'-DDE	S21-No14271	CP	%	88			70-130	Pass	
4.4'-DDT	S21-No14271	CP	%	87			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
a-HCH	S21-No14271	CP	%	77			70-130	Pass	
Aldrin	S21-No14271	CP	%	81			70-130	Pass	
b-HCH	S21-No14271	CP	%	80			70-130	Pass	
d-HCH	S21-No14271	CP	%	83			70-130	Pass	
Dieldrin	S21-No14271	CP	%	79			70-130	Pass	
Endosulfan I	S21-No14271	CP	%	84			70-130	Pass	
Endosulfan II	S21-No14271	CP	%	82			70-130	Pass	
Endrin	S21-No14271	CP	%	120			70-130	Pass	
g-HCH (Lindane)	S21-No14271	CP	%	85			70-130	Pass	
Heptachlor	S21-No14271	CP	%	125			70-130	Pass	
Heptachlor epoxide	S21-No14271	CP	%	80			70-130	Pass	
Hexachlorobenzene	S21-No14271	CP	%	80			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No14271	CP	%	120			70-130	Pass	
Dimethoate	S21-No14271	CP	%	113			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-No14271	CP	%	89			30-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No14271	CP	%	87			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14271	CP	%	105			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14271	CP	%	81			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14271	CP	%	89			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14271	CP	%	72			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No14271	CP	%	92			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14271	CP	%	83			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14271	CP	%	93			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14271	CP	%	85			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14271	CP	%	79			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14271	CP	%	89			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No14271	CP	%	105			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14271	CP	%	85			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14271	CP	%	97			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14271	CP	%	96			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14271	CP	%	96			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14271	CP	%	88			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14271	CP	%	99			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No14271	CP	%	92			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorononanesulfonic acid (PFNS)	S21-No14271	CP	%	106			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14271	CP	%	93			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14271	CP	%	100			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14271	CP	%	107			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14271	CP	%	108			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14271	CP	%	104			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14271	CP	%	109			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14271	CP	%	91			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14271	CP	%	121			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14271	CP	%	101			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14271	CP	%	109			50-150	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No14276	CP	%	102			70-130	Pass	
Pyrene	S21-No14276	CP	%	101			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No14276	CP	%	89			70-130	Pass	
4.4'-DDD	S21-No14276	CP	%	88			70-130	Pass	
4.4'-DDE	S21-No14276	CP	%	97			70-130	Pass	
4.4'-DDT	S21-No14276	CP	%	101			70-130	Pass	
a-HCH	S21-No14276	CP	%	84			70-130	Pass	
Aldrin	S21-No14276	CP	%	91			70-130	Pass	
b-HCH	S21-No14276	CP	%	90			70-130	Pass	
d-HCH	S21-No14276	CP	%	90			70-130	Pass	
Dieldrin	S21-No14276	CP	%	90			70-130	Pass	
Endosulfan I	S21-No14276	CP	%	88			70-130	Pass	
Endosulfan II	S21-No14276	CP	%	88			70-130	Pass	
Endosulfan sulphate	S21-No14276	CP	%	71			70-130	Pass	
Endrin	S21-No14276	CP	%	126			70-130	Pass	
Endrin ketone	S21-No14276	CP	%	70			70-130	Pass	
g-HCH (Lindane)	S21-No14276	CP	%	95			70-130	Pass	
Heptachlor epoxide	S21-No14276	CP	%	92			70-130	Pass	
Hexachlorobenzene	S21-No14276	CP	%	91			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No14276	CP	%	111			70-130	Pass	
Dimethoate	S21-No14276	CP	%	91			70-130	Pass	
Ethion	S21-No14276	CP	%	122			70-130	Pass	
Fenitrothion	S21-No14276	CP	%	106			70-130	Pass	
Methyl parathion	S21-No14276	CP	%	119			70-130	Pass	
Mevinphos	S21-No14276	CP	%	109			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-No14276	CP	%	100			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14279	CP	%	102			75-125	Pass	
Cadmium	S21-No14279	CP	%	110			75-125	Pass	
Chromium	S21-No14279	CP	%	121			75-125	Pass	
Copper	S21-No14279	CP	%	115			75-125	Pass	
Lead	S21-No14279	CP	%	117			75-125	Pass	
Mercury	S21-No14279	CP	%	107			75-125	Pass	
Nickel	S21-No14279	CP	%	113			75-125	Pass	
Zinc	S21-No14279	CP	%	119			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthylene	S21-De14939	NCP	%	95			70-130	Pass	
Anthracene	S21-De14939	NCP	%	95			70-130	Pass	
Benz(a)anthracene	S21-De14939	NCP	%	84			70-130	Pass	
Benzo(a)pyrene	S21-De14939	NCP	%	104			70-130	Pass	
Benzo(b&j)fluoranthene	S21-De14939	NCP	%	88			70-130	Pass	
Benzo(g.h.i)perylene	S21-De14939	NCP	%	94			70-130	Pass	
Benzo(k)fluoranthene	S21-De14939	NCP	%	90			70-130	Pass	
Chrysene	S21-De14939	NCP	%	89			70-130	Pass	
Dibenz(a.h)anthracene	S21-De14939	NCP	%	83			70-130	Pass	
Fluoranthene	S21-De14939	NCP	%	90			70-130	Pass	
Fluorene	S21-De14939	NCP	%	103			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S21-De14939	NCP	%	86			70-130	Pass	
Naphthalene	S21-De14939	NCP	%	109			70-130	Pass	
Phenanthrene	S21-De14939	NCP	%	107			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Methoxychlor	S21-De29507	NCP	%	93			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	S21-De16657	NCP	%	98			30-130	Pass	
2-Chlorophenol	S21-De16657	NCP	%	95			30-130	Pass	
2-Methylphenol (o-Cresol)	S21-De16657	NCP	%	94			30-130	Pass	
2-Nitrophenol	S21-De16657	NCP	%	106			30-130	Pass	
2.4-Dichlorophenol	S21-De16657	NCP	%	98			30-130	Pass	
2.4-Dimethylphenol	S21-De16657	NCP	%	90			30-130	Pass	
2.4-Dinitrophenol	S21-De16657	NCP	%	79			70-130	Pass	
2.4.5-Trichlorophenol	S21-De16657	NCP	%	117			30-130	Pass	
2.4.6-Trichlorophenol	S21-De16657	NCP	%	86			30-130	Pass	
2.6-Dichlorophenol	S21-De16657	NCP	%	99			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-De16657	NCP	%	96			30-130	Pass	
4-Nitrophenol	S21-De16657	NCP	%	109			30-130	Pass	
Pentachlorophenol	S21-De16657	NCP	%	88			30-130	Pass	
Phenol	S21-De16657	NCP	%	87			30-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No14291	CP	%	91			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14291	CP	%	103			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14291	CP	%	113			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14291	CP	%	85			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorooctanoic acid (PFOA)	S21-No14291	CP	%	81			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No14291	CP	%	93			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14291	CP	%	84			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14291	CP	%	100			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14291	CP	%	105			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14291	CP	%	68			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14291	CP	%	71			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No14291	CP	%	64			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14291	CP	%	105			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14291	CP	%	76			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14291	CP	%	78			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14291	CP	%	79			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14291	CP	%	108			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14291	CP	%	97			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No14291	CP	%	102			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14291	CP	%	96			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14291	CP	%	127			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14291	CP	%	88			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14291	CP	%	104			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14291	CP	%	106			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14291	CP	%	72			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14291	CP	%	76			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14291	CP	%	114			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14291	CP	%	97			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14291	CP	%	80			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14291	CP	%	127			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14292	CP	%	87			75-125	Pass	
Cadmium	S21-No14292	CP	%	95			75-125	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chromium	S21-No14292	CP	%	89			75-125	Pass	
Copper	S21-No14292	CP	%	93			75-125	Pass	
Lead	S21-No14292	CP	%	90			75-125	Pass	
Mercury	S21-No14292	CP	%	94			75-125	Pass	
Nickel	S21-No14292	CP	%	97			75-125	Pass	
Zinc	S21-No14292	CP	%	93			75-125	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14265	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14265	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14265	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14265	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14265	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14265	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14265	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14265	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
cis-1.2-Dichloroethene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14265	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14267	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14267	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14267	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14267	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14267	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14267	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14267	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Endosulfan sulphate	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14267	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14267	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14267	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14267	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14267	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.2.3.5-Tetrachlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14267	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14267	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14267	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14267	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14267	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Diphenylamine	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14267	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14267	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14267	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14267	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14267	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14267	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14268	CP	mg/kg	5.8	9.3	47	30%	Fail	Q15
Cadmium	S21-No14268	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14268	CP	mg/kg	16	19	18	30%	Pass	
Copper	S21-No14268	CP	mg/kg	19	30	45	30%	Fail	Q15
Lead	S21-No14268	CP	mg/kg	9.5	15	42	30%	Fail	Q15
Mercury	S21-No14268	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14268	CP	mg/kg	7.7	15	64	30%	Fail	Q15
Zinc	S21-No14268	CP	mg/kg	16	38	82	30%	Fail	Q15
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14270	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14270	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14270	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14270	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14270	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14270	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Dibenz(a.h)anthracene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14270	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14270	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14270	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Mevinphos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14270	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14270	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14270	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14270	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14270	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14270	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
7.12-Dimethylbenz(a)anthracene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14270	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a,j)acridine	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14270	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorodecanoic acid (PFDA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14270	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14270	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14270	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14270	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14271	CP	mg/kg	6.5	13	69	30%	Fail	Q15
Cadmium	S21-No14271	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14271	CP	mg/kg	18	31	52	30%	Fail	Q15
Copper	S21-No14271	CP	mg/kg	15	20	32	30%	Fail	Q15
Lead	S21-No14271	CP	mg/kg	13	26	68	30%	Fail	Q15
Mercury	S21-No14271	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14271	CP	mg/kg	5.3	10	65	30%	Fail	Q15
Zinc	S21-No14271	CP	mg/kg	14	27	60	30%	Fail	Q15
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14274	CP	%	22	22	1.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14275	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14275	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14275	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14275	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14275	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14275	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14275	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
g-HCH (Lindane)	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14275	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14275	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14275	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14275	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14275	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.3.5-Trichlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14275	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Nitroaniline	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14275	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14275	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14275	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14275	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endrin aldehyde	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14275	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14275	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14277	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14277	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14277	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14277	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14277	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14277	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14277	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
b-HCH	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14277	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14277	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14277	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14277	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14277	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14277	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Nitroaniline	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14277	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14277	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14277	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14277	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Dibenzofuran	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14277	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14277	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14278	CP	mg/kg	16	17	8.0	30%	Pass	
Cadmium	S21-No14278	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14278	CP	mg/kg	40	42	4.0	30%	Pass	
Copper	S21-No14278	CP	mg/kg	45	39	15	30%	Pass	
Lead	S21-No14278	CP	mg/kg	31	35	11	30%	Pass	
Mercury	S21-No14278	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14278	CP	mg/kg	24	20	20	30%	Pass	
Zinc	S21-No14278	CP	mg/kg	92	77	18	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14280	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14280	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14280	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14280	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14281	CP	mg/kg	21	19	11	30%	Pass	
Cadmium	S21-No14281	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14281	CP	mg/kg	46	46	1.0	30%	Pass	
Copper	S21-No14281	CP	mg/kg	36	29	21	30%	Pass	
Lead	S21-No14281	CP	mg/kg	48	52	7.0	30%	Pass	
Mercury	S21-No14281	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14281	CP	mg/kg	26	21	18	30%	Pass	
Zinc	S21-No14281	CP	mg/kg	86	68	23	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14284	CP	%	27	25	8.0	30%	Pass	

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Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14285	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S21-No14285	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14285	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14285	CP	mg/kg	86	78	10	30%	Pass	
Naphthalene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14285	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S21-No14285	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14285	CP	mg/kg	100	< 100	8.0	30%	Pass	
TRH >C34-C40	S21-No14285	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14285	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14285	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14285	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14285	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14285	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Dibromomethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14285	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14285	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14285	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14285	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14285	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14285	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14285	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Nitrophenol	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14285	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14285	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14285	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14285	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
N-Nitrosodibutylamine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14285	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14285	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No14287	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14287	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14287	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-No14287	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14287	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14287	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14290	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14290	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14290	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14290	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
Andrew Sullivan	Senior Analyst-PFAS (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.)

Containers (Change container type & size if necessary.)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked.)

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)
1	TP05_0.1	4/11/21	S	X										
2	TP05_0.3	4/11/21	S		X									
3	TP08_0.1	4/11/21	S	X										
4	TP08_0.3	4/11/21	S		X									
5	TP12_0.1	4/11/21	S	X										
6	TP12_0.3	4/11/21	S		X									
7	TP13_0.1	4/11/21	S	X										
8	TP13_0.3	4/11/21	S		X									
9	TP22_0.1	4/11/21	S	X										
10	TP22_0.3	4/11/21	S		X									
	Total Counts			5	5									

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Name: JACK EMBLEN Signature: Date: 11/5/2021 Time:

Laboratory Use Only									
Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	4/11/21	Time	2:55PM	Temperature 8.0
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 838539

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2056 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers Change container type & size if necessary.

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP21_0.1	4/11/21	S	X										
12	TP21_0.3	4/11/21	S		X									
13	TP29_0.1	4/11/21	S	X										
14	TP29_0.3	4/11/21	S		X									
15	TP30_0.1	4/11/21	S	X										
16	TP30_0.3	4/11/21	S		X									
17	TP31_0.1	4/11/21	S	X										
18	TP31_0.3	4/11/21	S		X									
19	TP41_0.1	4/11/21	S	X										
20	TP41_0.3	4/11/21	S		X									
	Total Counts			5	5									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal

	Name	Signature	Date	Time

Laboratory Use Only

Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	5/11/21	Time 2:35 PM	Temperature 8.0
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	Report № 828539

DRAFT

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP40_0.1	4/11/21	S	X											
22	TP40_0.3	4/11/21	S		X										
23	TP39_0.1	4/11/21	S	X											
24	TP39_0.3	4/11/21	S		X										
25	TP49_0.1	4/11/21	S	X											
26	TP49_0.3	4/11/21	S		X										
27	TP50_0.1	4/11/21	S	X											
28	TP50_0..3	4/11/21	S		X										
29	TP51_0.1	4/11/21	S	X											
30	TP51_0.3	4/11/21	S		X										
	Total Counts			5	5										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal — Name — Signature — Date 44502 — Time

Laboratory Use Only

Received By	NC	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 5/11/21	Time 2:51PM	Temperature 8.0
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report № 838539

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Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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NATA # 1261 Site # 20794

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Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	Bradfield City Centre
Project ID:	0571466
Turnaround time:	10 Day
Date/Time received	Nov 5, 2021 2:51 PM
Eurofins reference	838539

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838539
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 19, 2021
Priority: 10 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	AI_TP05_0.1	Nov 04, 2021		Soil	S21-No14318	X	X	X	X	X
2	AI_TP05_0.3	Nov 04, 2021		Soil	S21-No14319		X	X	X	X
3	AI_TP08_0.1	Nov 04, 2021		Soil	S21-No14320	X	X	X	X	X
4	AI_TP08_0.3	Nov 04, 2021		Soil	S21-No14321		X	X	X	X
5	AI_TP12_0.1	Nov 04, 2021		Soil	S21-No14322	X	X	X	X	X
6	AI_TP12_0.3	Nov 04, 2021		Soil	S21-No14323		X	X	X	X
7	AI_TP13_0.1	Nov 04, 2021		Soil	S21-No14324	X	X	X	X	X
8	AI_TP13_0.3	Nov 04, 2021		Soil	S21-No14325		X	X	X	X
9	AI_TP22_0.1	Nov 04, 2021		Soil	S21-No14326	X	X	X	X	X

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Company Name: ERM Sydney
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NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838539
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 19, 2021
Priority: 10 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
10	AI_TP22_0.3	Nov 04, 2021		Soil	S21-No14327		X	X	X	X
11	AI_TP21_0.1	Nov 04, 2021		Soil	S21-No14328	X	X	X	X	X
12	AI_TP21_0.3	Nov 04, 2021		Soil	S21-No14329		X	X	X	X
13	AI_TP29_0.1	Nov 04, 2021		Soil	S21-No14330	X	X	X	X	X
14	AI_TP29_0.3	Nov 04, 2021		Soil	S21-No14331		X	X	X	X
15	AI_TP30_0.1	Nov 04, 2021		Soil	S21-No14332	X	X	X	X	X
16	AI_TP30_0.3	Nov 04, 2021		Soil	S21-No14333		X	X	X	X
17	AI_TP31_0.1	Nov 04, 2021		Soil	S21-No14334	X	X	X	X	X
18	AI_TP31_0.3	Nov 04, 2021		Soil	S21-No14335		X	X	X	X
19	AI_TP41_0.1	Nov 04, 2021		Soil	S21-No14336	X	X	X	X	X
20	AI_TP41_0.3	Nov 04, 2021		Soil	S21-No14337		X	X	X	X

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
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NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838539
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 19, 2021
Priority: 10 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
21	AI_TP40_0.1	Nov 04, 2021		Soil	S21-No14338	X	X	X	X	X
22	AI_TP40_0.3	Nov 04, 2021		Soil	S21-No14339		X	X	X	X
23	AI_TP39_0.1	Nov 04, 2021		Soil	S21-No14340	X	X	X	X	X
24	AI_TP39_0.3	Nov 04, 2021		Soil	S21-No14341		X	X	X	X
25	AI_TP49_0.1	Nov 04, 2021		Soil	S21-No14342	X	X	X	X	X
26	AI_TP49_0.3	Nov 04, 2021		Soil	S21-No14343		X	X	X	X
27	AI_TP50_0.1	Nov 04, 2021		Soil	S21-No14344	X	X	X	X	X
28	AI_TP50_0.3	Nov 04, 2021		Soil	S21-No14345		X	X	X	X
29	AI_TP51_0.1	Nov 04, 2021		Soil	S21-No14346	X	X	X	X	X
30	AI_TP51_0.3	Nov 04, 2021		Soil	S21-No14347		X	X	X	X
Test Counts						15	30	30	30	30

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	838539-AID-V2
Project Name	Bradfield City Centre
Project ID	0571466
Received Date	Nov 05, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name Bradfield City Centre
Project ID 0571466
Date Sampled Nov 04, 2021
Report 838539-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP05_0.1	21-No14318	Nov 04, 2021	Approximate Sample 677g Sample consisted of: Brown coarse-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP08_0.1	21-No14320	Nov 04, 2021	Approximate Sample 633g Sample consisted of: Brown fine-grained clayey sandy- soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP12_0.1	21-No14322	Nov 04, 2021	Approximate Sample 615g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP13_0.1	21-No14324	Nov 04, 2021	Approximate Sample 664g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP22_0.1	21-No14326	Nov 04, 2021	Approximate Sample 583g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP21_0.1	21-No14328	Nov 04, 2021	Approximate Sample 745g Sample consisted of: Brown coarse-grained clayey-sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP29_0.1	21-No14330	Nov 04, 2021	Approximate Sample 508g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP30_0.1	21-No14332	Nov 04, 2021	Approximate Sample 491g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP31_0.1	21-No14334	Nov 04, 2021	Approximate Sample 542g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP41_0.1	21-No14336	Nov 04, 2021	Approximate Sample 502g Sample consisted of: Brown coarse-grained clayey-sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP40_0.1	21-No14338	Nov 04, 2021	Approximate Sample 567g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP39_0.1	21-No14340	Nov 04, 2021	Approximate Sample 554g Sample consisted of: Brown coarse-grained clayey-sandy soil, coal, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP49_0.1	21-No14342	Nov 04, 2021	Approximate Sample 657g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP50_0.1	21-No14344	Nov 04, 2021	Approximate Sample 601g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP51_0.1	21-No14346	Nov 04, 2021	Approximate Sample 489g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 08, 2021	Indefinite

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NATA # 1261 Site # 18217

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NATA # 1261 Site # 20794

Newcastle
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Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

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IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838539
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 19, 2021
Priority: 10 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	AI_TP05_0.1	Nov 04, 2021		Soil	S21-No14318	X	X	X	X	X
2	AI_TP05_0.3	Nov 04, 2021		Soil	S21-No14319		X	X	X	X
3	AI_TP08_0.1	Nov 04, 2021		Soil	S21-No14320	X	X	X	X	X
4	AI_TP08_0.3	Nov 04, 2021		Soil	S21-No14321		X	X	X	X
5	AI_TP12_0.1	Nov 04, 2021		Soil	S21-No14322	X	X	X	X	X
6	AI_TP12_0.3	Nov 04, 2021		Soil	S21-No14323		X	X	X	X
7	AI_TP13_0.1	Nov 04, 2021		Soil	S21-No14324	X	X	X	X	X
8	AI_TP13_0.3	Nov 04, 2021		Soil	S21-No14325		X	X	X	X
9	AI_TP22_0.1	Nov 04, 2021		Soil	S21-No14326	X	X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
10	AI_TP22_0.3	Nov 04, 2021		Soil	S21-No14327		X	X	X	X
11	AI_TP21_0.1	Nov 04, 2021		Soil	S21-No14328	X	X	X	X	X
12	AI_TP21_0.3	Nov 04, 2021		Soil	S21-No14329		X	X	X	X
13	AI_TP29_0.1	Nov 04, 2021		Soil	S21-No14330	X	X	X	X	X
14	AI_TP29_0.3	Nov 04, 2021		Soil	S21-No14331		X	X	X	X
15	AI_TP30_0.1	Nov 04, 2021		Soil	S21-No14332	X	X	X	X	X
16	AI_TP30_0.3	Nov 04, 2021		Soil	S21-No14333		X	X	X	X
17	AI_TP31_0.1	Nov 04, 2021		Soil	S21-No14334	X	X	X	X	X
18	AI_TP31_0.3	Nov 04, 2021		Soil	S21-No14335		X	X	X	X
19	AI_TP41_0.1	Nov 04, 2021		Soil	S21-No14336	X	X	X	X	X
20	AI_TP41_0.3	Nov 04, 2021		Soil	S21-No14337		X	X	X	X

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Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
21	AI_TP40_0.1	Nov 04, 2021		Soil	S21-No14338	X	X	X	X	X
22	AI_TP40_0.3	Nov 04, 2021		Soil	S21-No14339		X	X	X	X
23	AI_TP39_0.1	Nov 04, 2021		Soil	S21-No14340	X	X	X	X	X
24	AI_TP39_0.3	Nov 04, 2021		Soil	S21-No14341		X	X	X	X
25	AI_TP49_0.1	Nov 04, 2021		Soil	S21-No14342	X	X	X	X	X
26	AI_TP49_0.3	Nov 04, 2021		Soil	S21-No14343		X	X	X	X
27	AI_TP50_0.1	Nov 04, 2021		Soil	S21-No14344	X	X	X	X	X
28	AI_TP50_0.3	Nov 04, 2021		Soil	S21-No14345		X	X	X	X
29	AI_TP51_0.1	Nov 04, 2021		Soil	S21-No14346	X	X	X	X	X
30	AI_TP51_0.3	Nov 04, 2021		Soil	S21-No14347		X	X	X	X
Test Counts						15	30	30	30	30

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Authorised by:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **838539-S-V2**
Project name Bradfield City Centre
Project ID 0571466
Received Date Nov 05, 2021

Client Sample ID			**AI_TP05_0.1**	**AI_TP05_0.3**	**AI_TP08_0.1**	**AI_TP08_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No14318**	**S21-No14319**	**S21-No14320**	**S21-No14321**
Date Sampled			**Nov 04, 2021**	**Nov 04, 2021**	**Nov 04, 2021**	**Nov 04, 2021**
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	96	99	111	85
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP05_0.1	AI_TP05_0.3	AI_TP08_0.1	AI_TP08_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14318	S21-No14319	S21-No14320	S21-No14321
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	96	99	111	85
Toluene-d8 (surr.)	1	%	94	107	114	90
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Client Sample ID			AI_TP05_0.1	AI_TP05_0.3	AI_TP08_0.1	AI_TP08_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14318	S21-No14319	S21-No14320	S21-No14321
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	141	140	INT	116
p-Terphenyl-d14 (surr.)	1	%	144	145	INT	INT
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	101	96	97	113
Tetrachloro-m-xylene (surr.)	1	%	102	98	90	111

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Client Sample ID			AI_TP05_0.1	AI_TP05_0.3	AI_TP08_0.1	AI_TP08_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14318	S21-No14319	S21-No14320	S21-No14321
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	104	99	96	117
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP05_0.1	AI_TP05_0.3	AI_TP08_0.1	AI_TP08_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14318	S21-No14319	S21-No14320	S21-No14321
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	141	140	INT	116
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	145	139	INT	98
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP05_0.1	AI_TP05_0.3	AI_TP08_0.1	AI_TP08_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14318	S21-No14319	S21-No14320	S21-No14321
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	INT	INT	129
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	136	138	INT	141
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP05_0.1	AI_TP05_0.3	AI_TP08_0.1	AI_TP08_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14318	S21-No14319	S21-No14320	S21-No14321
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	5.0	7.0	5.7	7.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	17	13	18
Copper	5	mg/kg	15	22	10	24
Lead	5	mg/kg	10	12	14	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.3	11	8.2	12
Zinc	5	mg/kg	26	35	18	40
% Moisture	1	%	1.4	4.3	5.1	9.3
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	107	115	118	111
13C5-PFPeA (surr.)	1	%	142	138	113	113
13C5-PFHxA (surr.)	1	%	108	124	133	122
13C4-PFHpA (surr.)	1	%	102	117	132	127
13C8-PFOA (surr.)	1	%	113	110	108	130
13C5-PFNA (surr.)	1	%	107	107	123	154
13C6-PFDA (surr.)	1	%	102	120	104	124
13C2-PFUnDA (surr.)	1	%	88	140	96	145
13C2-PFDoDA (surr.)	1	%	91	121	80	111
13C2-PFTeDA (surr.)	1	%	41	129	91	92
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	41	106	86	112
D3-N-MeFOSA (surr.)	1	%	41	95	69	89
D5-N-EtFOSA (surr.)	1	%	36	69	75	89
D7-N-MeFOSE (surr.)	1	%	37	88	74	99
D9-N-EtFOSE (surr.)	1	%	31	82	95	107
D5-N-EtFOSAA (surr.)	1	%	85	73	77	136
D3-N-MeFOSAA (surr.)	1	%	122	61	45	116

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Client Sample ID			AI_TP05_0.1	AI_TP05_0.3	AI_TP08_0.1	AI_TP08_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14318	S21-No14319	S21-No14320	S21-No14321
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	129	122	133	133
18O2-PFHxS (surr.)	1	%	98	117	103	111
13C8-PFOS (surr.)	1	%	87	126	107	115
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	165	84	160	85
13C2-6:2 FTSA (surr.)	1	%	135	98	126	99
13C2-8:2 FTSA (surr.)	1	%	51	53	68	95
13C2-10:2 FTSA (surr.)	1	%	117	184	35	106
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	96	78	102	91
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	96	78	102	91
Toluene-d8 (surr.)	1	%	94	78	103	95
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	138	145	142	INT
p-Terphenyl-d14 (surr.)	1	%	INT	INT	INT	INT
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	120	116	102	128
Tetrachloro-m-xylene (surr.)	1	%	118	118	109	132
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	128	123	113	134
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	138	145	142	INT
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	112	96	108	136
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	INT	INT	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	INT	INT	134	INT
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	15	37	16	14
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	20	23	24
Copper	5	mg/kg	22	28	12	25
Lead	5	mg/kg	25	14	22	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	18	12	10	10
Zinc	5	mg/kg	50	40	27	44
% Moisture	1	%	14	18	13	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	90	116	109
13C5-PFPeA (surr.)	1	%	119	102	101	120
13C5-PFHxA (surr.)	1	%	108	98	117	117
13C4-PFHpA (surr.)	1	%	120	106	117	109
13C8-PFOA (surr.)	1	%	113	98	115	97
13C5-PFNA (surr.)	1	%	142	136	144	137
13C6-PFDA (surr.)	1	%	122	117	121	118

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	136	144	125	155
13C2-PFDoDA (surr.)	1	%	122	133	142	134
13C2-PFTeDA (surr.)	1	%	73	72	68	83
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	110	107	109	107
D3-N-MeFOSA (surr.)	1	%	85	82	89	91
D5-N-EtFOSA (surr.)	1	%	80	82	85	91
D7-N-MeFOSE (surr.)	1	%	95	97	93	100
D9-N-EtFOSE (surr.)	1	%	99	107	103	110
D5-N-EtFOSAA (surr.)	1	%	111	116	154	115
D3-N-MeFOSAA (surr.)	1	%	82	99	106	75
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	124	125	132	128
18O2-PFHxS (surr.)	1	%	109	100	122	109
13C8-PFOS (surr.)	1	%	106	96	103	98
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	95	71	98	93
13C2-6:2 FTSA (surr.)	1	%	119	97	139	130
13C2-8:2 FTSA (surr.)	1	%	86	89	98	80
13C2-10:2 FTSA (surr.)	1	%	97	109	111	112

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Client Sample ID			AI_TP12_0.1	AI_TP12_0.3	AI_TP13_0.1	AI_TP13_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14322	S21-No14323	S21-No14324	S21-No14325
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	97	112	74	91
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	97	112	74	91
Toluene-d8 (surr.)	1	%	102	115	76	92
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	INT	INT	141	147
p-Terphenyl-d14 (surr.)	1	%	INT	INT	INT	INT
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	118	127	102	111
Tetrachloro-m-xylene (surr.)	1	%	119	127	103	111

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Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	124	137	111	117
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	INT	INT	141	147
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	108	143	113	104
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	INT	INT	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	INT	INT	126	138
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	4.5	7.0	17	20
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	13	21	33	39
Copper	5	mg/kg	12	26	38	46
Lead	5	mg/kg	10.0	12	30	29
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.1	14	22	29
Zinc	5	mg/kg	21	37	71	97
% Moisture	1	%	6.5	11	11	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	114	105	110	112
13C5-PFPeA (surr.)	1	%	131	112	103	127
13C5-PFHxA (surr.)	1	%	124	107	108	107
13C4-PFHpA (surr.)	1	%	113	112	115	122
13C8-PFOA (surr.)	1	%	114	107	110	117
13C5-PFNA (surr.)	1	%	134	134	135	146
13C6-PFDA (surr.)	1	%	112	118	123	131
13C2-PFUnDA (surr.)	1	%	115	146	131	139
13C2-PFDoDA (surr.)	1	%	131	129	140	133
13C2-PFTeDA (surr.)	1	%	62	85	73	87
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	94	98	118	107
D3-N-MeFOSA (surr.)	1	%	78	86	85	81
D5-N-EtFOSA (surr.)	1	%	81	84	88	76
D7-N-MeFOSE (surr.)	1	%	88	90	102	88
D9-N-EtFOSE (surr.)	1	%	98	105	106	104
D5-N-EtFOSAA (surr.)	1	%	112	101	128	120
D3-N-MeFOSAA (surr.)	1	%	72	70	102	85

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Client Sample ID			AI_TP22_0.1	AI_TP22_0.3	AI_TP21_0.1	AI_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14326	S21-No14327	S21-No14328	S21-No14329
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	136	125	124	132
18O2-PFHxS (surr.)	1	%	115	118	112	120
13C8-PFOS (surr.)	1	%	102	104	102	108
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	99	91	87	88
13C2-6:2 FTSA (surr.)	1	%	138	98	106	102
13C2-8:2 FTSA (surr.)	1	%	89	91	92	86
13C2-10:2 FTSA (surr.)	1	%	69	92	126	123
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	94	99	97
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	94	99	97
Toluene-d8 (surr.)	1	%	93	103	102	107
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	70	77	111	120
p-Terphenyl-d14 (surr.)	1	%	76	99	126	137
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	INT	124	105	86
Tetrachloro-m-xylene (surr.)	1	%	52	128	120	94
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	INT	131	127	88
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	70	77	111	120
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	50	90	128	99
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	85	91	INT	146
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	50	82	134	117
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.4	9.4	5.1	6.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	21	22	13	18
Copper	5	mg/kg	11	26	14	22
Lead	5	mg/kg	17	12	11	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.5	10	8.3	11
Zinc	5	mg/kg	14	29	23	36
% Moisture	1	%	13	15	15	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	110	106	108
13C5-PFPeA (surr.)	1	%	106	113	107	111
13C5-PFHxA (surr.)	1	%	117	111	113	105
13C4-PFHpA (surr.)	1	%	106	113	110	106
13C8-PFOA (surr.)	1	%	114	105	114	115
13C5-PFNA (surr.)	1	%	132	149	125	138
13C6-PFDA (surr.)	1	%	120	130	123	125

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	151	143	140	140
13C2-PFDoDA (surr.)	1	%	134	142	121	129
13C2-PFTeDA (surr.)	1	%	89	87	87	102
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	107	119	100	102
D3-N-MeFOSA (surr.)	1	%	90	94	75	89
D5-N-EtFOSA (surr.)	1	%	87	95	80	84
D7-N-MeFOSE (surr.)	1	%	101	100	95	95
D9-N-EtFOSE (surr.)	1	%	111	111	105	107
D5-N-EtFOSAA (surr.)	1	%	139	114	140	133
D3-N-MeFOSAA (surr.)	1	%	106	79	96	105
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	130	131	132	116
18O2-PFHxS (surr.)	1	%	112	131	113	120
13C8-PFOS (surr.)	1	%	95	109	98	95
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	106	83	96	78
13C2-6:2 FTSA (surr.)	1	%	116	85	123	106
13C2-8:2 FTSA (surr.)	1	%	96	85	85	90
13C2-10:2 FTSA (surr.)	1	%	116	116	127	111

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Client Sample ID			AI_TP29_0.1	AI_TP29_0.3	AI_TP30_0.1	AI_TP30_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14330	S21-No14331	S21-No14332	S21-No14333
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	80	92	101	100
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	80	92	101	100
Toluene-d8 (surr.)	1	%	75	99	117	106
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	128	58	99	90
p-Terphenyl-d14 (surr.)	1	%	141	124	116	136
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	89	75	72	80
Tetrachloro-m-xylene (surr.)	1	%	97	85	82	92

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Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	93	85	80	92
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	128	58	99	90
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	118	94	76	108
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	69	107	111
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	119	107	91	125
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	4.3	7.5	7.9	8.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	11	21	14	20
Copper	5	mg/kg	13	27	8.1	28
Lead	5	mg/kg	10	15	19	18
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.4	13	8.1	14
Zinc	5	mg/kg	24	40	15	37
% Moisture	1	%	2.7	16	10	16
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	109	113	112	102
13C5-PFPeA (surr.)	1	%	109	106	99	106
13C5-PFHxA (surr.)	1	%	131	114	122	105
13C4-PFHpA (surr.)	1	%	120	124	119	109
13C8-PFOA (surr.)	1	%	114	119	116	115
13C5-PFNA (surr.)	1	%	140	141	142	140
13C6-PFDA (surr.)	1	%	121	138	127	122
13C2-PFUnDA (surr.)	1	%	140	149	143	138
13C2-PFDoDA (surr.)	1	%	138	140	136	143
13C2-PFTeDA (surr.)	1	%	103	106	99	100
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	104	104	105	110
D3-N-MeFOSA (surr.)	1	%	91	89	81	86
D5-N-EtFOSA (surr.)	1	%	78	88	87	80
D7-N-MeFOSE (surr.)	1	%	95	89	103	89
D9-N-EtFOSE (surr.)	1	%	108	112	104	107
D5-N-EtFOSAA (surr.)	1	%	148	145	139	128
D3-N-MeFOSAA (surr.)	1	%	121	109	116	109

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Client Sample ID			AI_TP31_0.1	AI_TP31_0.3	AI_TP41_0.1	AI_TP41_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14334	S21-No14335	S21-No14336	S21-No14337
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	124	126	130	114
18O2-PFHxS (surr.)	1	%	113	115	113	103
13C8-PFOS (surr.)	1	%	98	97	97	103
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	101	91	96	77
13C2-6:2 FTSA (surr.)	1	%	125	122	135	106
13C2-8:2 FTSA (surr.)	1	%	88	103	96	86
13C2-10:2 FTSA (surr.)	1	%	124	136	129	116
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	101	97	78	77
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	101	97	78	77
Toluene-d8 (surr.)	1	%	103	105	82	76
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	115	117	123	95
p-Terphenyl-d14 (surr.)	1	%	117	149	120	120
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	69	94	79	78
Tetrachloro-m-xylene (surr.)	1	%	82	98	84	81
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	84	103	89	86
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	115	117	123	95
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	97	143	105	114
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	138	INT	150	106
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	96	135	105	104
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.7	7.0	11	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	26	23	28	26
Copper	5	mg/kg	10	27	13	30
Lead	5	mg/kg	26	13	26	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.5	11	11	13
Zinc	5	mg/kg	15	35	26	46
% Moisture	1	%	2.5	18	19	22
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	107	106	111	114
13C5-PFPeA (surr.)	1	%	119	109	104	107
13C5-PFHxA (surr.)	1	%	113	113	118	131
13C4-PFHpA (surr.)	1	%	117	113	114	108
13C8-PFOA (surr.)	1	%	108	111	122	127
13C5-PFNA (surr.)	1	%	149	130	141	154
13C6-PFDA (surr.)	1	%	116	118	130	129

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFUnDA (surr.)	1	%	133	138	137	140
13C2-PFDoDA (surr.)	1	%	134	132	137	154
13C2-PFTeDA (surr.)	1	%	97	97	109	113
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	98	107	97	98
D3-N-MeFOSA (surr.)	1	%	83	90	79	85
D5-N-EtFOSA (surr.)	1	%	84	86	85	81
D7-N-MeFOSE (surr.)	1	%	108	94	97	96
D9-N-EtFOSE (surr.)	1	%	100	109	102	108
D5-N-EtFOSAA (surr.)	1	%	155	143	133	134
D3-N-MeFOSAA (surr.)	1	%	111	88	104	107
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	125	122	123	137
18O2-PFHxS (surr.)	1	%	120	112	113	113
13C8-PFOS (surr.)	1	%	101	99	95	99
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	89	86	96	94
13C2-6:2 FTSA (surr.)	1	%	118	100	113	121
13C2-8:2 FTSA (surr.)	1	%	93	91	82	98
13C2-10:2 FTSA (surr.)	1	%	127	113	118	128

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Client Sample ID			AI_TP40_0.1	AI_TP40_0.3	AI_TP39_0.1	AI_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14338	S21-No14339	S21-No14340	S21-No14341
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	101	76	93	52
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	101	76	93	52
Toluene-d8 (surr.)	1	%	102	84	95	52
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	122	68	134	117
p-Terphenyl-d14 (surr.)	1	%	125	118	135	124
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	79	74	86	79
Tetrachloro-m-xylene (surr.)	1	%	86	81	93	88

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Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	87	81	95	87
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	122	68	134	117
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	109	121	118	99
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	146	94	INT	144
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	114	109	125	113
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	12	13	11	7.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	30	28	25	21
Copper	5	mg/kg	18	32	13	26
Lead	5	mg/kg	23	27	31	21
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.6	15	11	19
Zinc	5	mg/kg	30	57	30	36
% Moisture	1	%	11	12	16	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	114	109	106	104
13C5-PFPeA (surr.)	1	%	121	106	116	106
13C5-PFHxA (surr.)	1	%	111	114	110	113
13C4-PFHpA (surr.)	1	%	119	122	118	107
13C8-PFOA (surr.)	1	%	104	116	109	110
13C5-PFNA (surr.)	1	%	145	140	138	123
13C6-PFDA (surr.)	1	%	121	135	116	125
13C2-PFUnDA (surr.)	1	%	145	138	142	127
13C2-PFDoDA (surr.)	1	%	138	138	124	132
13C2-PFTeDA (surr.)	1	%	110	108	106	104
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	105	100	101	113
D3-N-MeFOSA (surr.)	1	%	95	86	84	87
D5-N-EtFOSA (surr.)	1	%	88	83	75	87
D7-N-MeFOSE (surr.)	1	%	96	100	89	94
D9-N-EtFOSE (surr.)	1	%	107	110	102	97
D5-N-EtFOSAA (surr.)	1	%	156	140	138	126
D3-N-MeFOSAA (surr.)	1	%	113	98	109	98

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Client Sample ID			AI_TP49_0.1	AI_TP49_0.3	AI_TP50_0.1	AI_TP50_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No14342	S21-No14343	S21-No14344	S21-No14345
Date Sampled			Nov 04, 2021	Nov 04, 2021	Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	130	133	125	122
18O2-PFHxS (surr.)	1	%	105	122	104	118
13C8-PFOS (surr.)	1	%	99	104	105	100
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	104	98	97	87
13C2-6:2 FTSA (surr.)	1	%	101	103	147	92
13C2-8:2 FTSA (surr.)	1	%	90	93	93	92
13C2-10:2 FTSA (surr.)	1	%	127	132	123	115
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
BTEX				
Benzene	0.1	mg/kg	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	84	67
Volatile Organics				
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
Volatile Organics				
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
Volatile Organics				
Total MAH*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	84	67
Toluene-d8 (surr.)	1	%	91	66
Total Recoverable Hydrocarbons				
TRH C6-C9	20	mg/kg	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	115
p-Terphenyl-d14 (surr.)	1	%	101	113
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
Organochlorine Pesticides				
b-HCH	0.05	mg/kg	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	64	116
Tetrachloro-m-xylene (surr.)	1	%	69	114
Organophosphorus Pesticides				
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
Organophosphorus Pesticides				
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	69	126
Semivolatile Organics				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	115
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	61	138
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	122	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	75	150
Pronamide	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5
Heavy Metals				
Arsenic	2	mg/kg	7.0	7.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4
Chromium	5	mg/kg	23	23
Copper	5	mg/kg	13	17
Lead	5	mg/kg	25	17
Mercury	0.1	mg/kg	< 0.1	< 0.1
Nickel	5	mg/kg	8.9	8.3
Zinc	5	mg/kg	19	19
% Moisture	1	%	18	11
Perfluoroalkyl carboxylic acids (PFCAs)				
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5
13C4-PFBA (surr.)	1	%	97	116
13C5-PFPeA (surr.)	1	%	110	127
13C5-PFHxA (surr.)	1	%	104	122
13C4-PFHpA (surr.)	1	%	102	124
13C8-PFOA (surr.)	1	%	106	117
13C5-PFNA (surr.)	1	%	137	144
13C6-PFDA (surr.)	1	%	101	121

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-No14346	S21-No14347
Date Sampled			Nov 04, 2021	Nov 04, 2021
Test/Reference	LOR	Unit		
Perfluoroalkyl carboxylic acids (PFCAs)				
13C2-PFUnDA (surr.)	1	%	122	139
13C2-PFDoDA (surr.)	1	%	124	153
13C2-PFTeDA (surr.)	1	%	101	113
Perfluoroalkyl sulfonamido substances				
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10
13C8-FOSA (surr.)	1	%	90	107
D3-N-MeFOSA (surr.)	1	%	73	92
D5-N-EtFOSA (surr.)	1	%	78	86
D7-N-MeFOSE (surr.)	1	%	82	113
D9-N-EtFOSE (surr.)	1	%	99	114
D5-N-EtFOSAA (surr.)	1	%	127	151
D3-N-MeFOSAA (surr.)	1	%	97	107
Perfluoroalkyl sulfonic acids (PFSAs)				
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5
13C3-PFBS (surr.)	1	%	116	125
18O2-PFHxS (surr.)	1	%	99	121
13C8-PFOS (surr.)	1	%	88	107
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	78	96
13C2-6:2 FTSA (surr.)	1	%	99	138
13C2-8:2 FTSA (surr.)	1	%	78	93
13C2-10:2 FTSA (surr.)	1	%	107	132

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Client Sample ID			AI_TP51_0.1	AI_TP51_0.3
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-No14346**	**S21-No14347**
Date Sampled			**Nov 04, 2021**	**Nov 04, 2021**
Test/Reference	LOR	Unit		
PFASs Summations				
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 17, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 17, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 17, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 17, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 08, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Nov 17, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Nov 17, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Nov 17, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Nov 17, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
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Project Name: Bradfield City Centre
Project ID: 0571466

Order No.:
Report #: 838539
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 5, 2021 2:51 PM
Due: Nov 19, 2021
Priority: 10 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	AI_TP05_0.1	Nov 04, 2021		Soil	S21-No14318	X	X	X	X	X
2	AI_TP05_0.3	Nov 04, 2021		Soil	S21-No14319		X	X	X	X
3	AI_TP08_0.1	Nov 04, 2021		Soil	S21-No14320	X	X	X	X	X
4	AI_TP08_0.3	Nov 04, 2021		Soil	S21-No14321		X	X	X	X
5	AI_TP12_0.1	Nov 04, 2021		Soil	S21-No14322	X	X	X	X	X
6	AI_TP12_0.3	Nov 04, 2021		Soil	S21-No14323		X	X	X	X
7	AI_TP13_0.1	Nov 04, 2021		Soil	S21-No14324	X	X	X	X	X
8	AI_TP13_0.3	Nov 04, 2021		Soil	S21-No14325		X	X	X	X
9	AI_TP22_0.1	Nov 04, 2021		Soil	S21-No14326	X	X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
10	AI_TP22_0.3	Nov 04, 2021		Soil	S21-No14327		X	X	X	X
11	AI_TP21_0.1	Nov 04, 2021		Soil	S21-No14328	X	X	X	X	X
12	AI_TP21_0.3	Nov 04, 2021		Soil	S21-No14329		X	X	X	X
13	AI_TP29_0.1	Nov 04, 2021		Soil	S21-No14330	X	X	X	X	X
14	AI_TP29_0.3	Nov 04, 2021		Soil	S21-No14331		X	X	X	X
15	AI_TP30_0.1	Nov 04, 2021		Soil	S21-No14332	X	X	X	X	X
16	AI_TP30_0.3	Nov 04, 2021		Soil	S21-No14333		X	X	X	X
17	AI_TP31_0.1	Nov 04, 2021		Soil	S21-No14334	X	X	X	X	X
18	AI_TP31_0.3	Nov 04, 2021		Soil	S21-No14335		X	X	X	X
19	AI_TP41_0.1	Nov 04, 2021		Soil	S21-No14336	X	X	X	X	X
20	AI_TP41_0.3	Nov 04, 2021		Soil	S21-No14337		X	X	X	X

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Sample Detail						Asbestos - AS4964	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794										X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										
21	AI_TP40_0.1	Nov 04, 2021		Soil	S21-No14338	X	X	X	X	X
22	AI_TP40_0.3	Nov 04, 2021		Soil	S21-No14339		X	X	X	X
23	AI_TP39_0.1	Nov 04, 2021		Soil	S21-No14340	X	X	X	X	X
24	AI_TP39_0.3	Nov 04, 2021		Soil	S21-No14341		X	X	X	X
25	AI_TP49_0.1	Nov 04, 2021		Soil	S21-No14342	X	X	X	X	X
26	AI_TP49_0.3	Nov 04, 2021		Soil	S21-No14343		X	X	X	X
27	AI_TP50_0.1	Nov 04, 2021		Soil	S21-No14344	X	X	X	X	X
28	AI_TP50_0.3	Nov 04, 2021		Soil	S21-No14345		X	X	X	X
29	AI_TP51_0.1	Nov 04, 2021		Soil	S21-No14346	X	X	X	X	X
30	AI_TP51_0.3	Nov 04, 2021		Soil	S21-No14347		X	X	X	X
Test Counts						15	30	30	30	30

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	104			70-130	Pass	
Toluene	%	106			70-130	Pass	
Ethylbenzene	%	102			70-130	Pass	
m&p-Xylenes	%	106			70-130	Pass	
o-Xylene	%	106			70-130	Pass	
Xylenes - Total*	%	106			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	108			70-130	Pass	
1.1.1-Trichloroethane	%	105			70-130	Pass	
1.2-Dichlorobenzene	%	101			70-130	Pass	
1.2-Dichloroethane	%	115			70-130	Pass	
Benzene	%	113			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	113			70-130	Pass	
o-Xylene	%	112			70-130	Pass	
Toluene	%	112			70-130	Pass	
Trichloroethene	%	89			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Xylenes - Total*	%	113			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	89			70-130	Pass	
TRH C10-C14	%	92			70-130	Pass	
Naphthalene	%	105			70-130	Pass	
TRH C6-C10	%	88			70-130	Pass	
TRH >C10-C16	%	88			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	107			70-130	Pass	
Acenaphthylene	%	84			70-130	Pass	
Anthracene	%	84			70-130	Pass	
Benz(a)anthracene	%	81			70-130	Pass	
Benzo(a)pyrene	%	87			70-130	Pass	
Benzo(b&j)fluoranthene	%	87			70-130	Pass	
Benzo(g.h.i)perylene	%	73			70-130	Pass	
Benzo(k)fluoranthene	%	94			70-130	Pass	
Chrysene	%	83			70-130	Pass	
Dibenz(a.h)anthracene	%	72			70-130	Pass	
Fluoranthene	%	80			70-130	Pass	
Fluorene	%	86			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	76			70-130	Pass	
Naphthalene	%	87			70-130	Pass	
Phenanthrene	%	81			70-130	Pass	
Pyrene	%	105			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	85			70-130	Pass	
4.4'-DDD	%	110			70-130	Pass	
4.4'-DDE	%	85			70-130	Pass	
4.4'-DDT	%	93			70-130	Pass	
a-HCH	%	85			70-130	Pass	
Aldrin	%	87			70-130	Pass	
b-HCH	%	90			70-130	Pass	
d-HCH	%	92			70-130	Pass	
Dieldrin	%	89			70-130	Pass	
Endosulfan I	%	89			70-130	Pass	
Endosulfan II	%	86			70-130	Pass	
Endosulfan sulphate	%	77			70-130	Pass	
Endrin	%	87			70-130	Pass	
Endrin aldehyde	%	71			70-130	Pass	
Endrin ketone	%	73			70-130	Pass	
g-HCH (Lindane)	%	88			70-130	Pass	
Heptachlor	%	127			70-130	Pass	
Heptachlor epoxide	%	87			70-130	Pass	
Hexachlorobenzene	%	83			70-130	Pass	
Methoxychlor	%	113			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	87			70-130	Pass	
Dimethoate	%	92			70-130	Pass	
Ethion	%	103			70-130	Pass	
Fenitrothion	%	120			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	%	117			70-130	Pass	
Mevinphos	%	108			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	76			25-140	Pass	
1.2.4-Trichlorobenzene	%	100			70-130	Pass	
1.4-Dichlorobenzene	%	102			70-130	Pass	
2-Chlorophenol	%	99			25-140	Pass	
2-Methylphenol (o-Cresol)	%	97			25-140	Pass	
2.4-Dichlorophenol	%	95			25-140	Pass	
2.4-Dimethylphenol	%	96			25-140	Pass	
2.4-Dinitrophenol	%	125			25-140	Pass	
2.4-Dinitrotoluene	%	106			70-130	Pass	
2.4.5-Trichlorophenol	%	96			25-140	Pass	
2.4.6-Trichlorophenol	%	113			25-140	Pass	
2.6-Dichlorophenol	%	96			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	103			25-140	Pass	
4-Chloro-3-methylphenol	%	99			25-140	Pass	
4-Nitrophenol	%	83			25-140	Pass	
Acenaphthene	%	105			70-130	Pass	
Acenaphthylene	%	85			70-130	Pass	
Benz(a)anthracene	%	82			70-130	Pass	
Benzo(a)pyrene	%	88			70-130	Pass	
Benzo(b&j)fluoranthene	%	80			70-130	Pass	
Benzo(g.h.i)perylene	%	79			70-130	Pass	
Benzo(k)fluoranthene	%	97			70-130	Pass	
Chrysene	%	83			70-130	Pass	
Dibenz(a.h)anthracene	%	79			70-130	Pass	
Fluoranthene	%	80			70-130	Pass	
Fluorene	%	87			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	83			70-130	Pass	
N-Nitrosodipropylamine	%	98			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
Pentachlorophenol	%	86			25-140	Pass	
Phenanthrene	%	83			70-130	Pass	
Phenol	%	91			25-140	Pass	
Pyrene	%	103			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	100			80-120	Pass	
Cadmium	%	104			80-120	Pass	
Chromium	%	98			80-120	Pass	
Copper	%	99			80-120	Pass	
Lead	%	94			80-120	Pass	
Mercury	%	85			80-120	Pass	
Nickel	%	100			80-120	Pass	
Zinc	%	95			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	84			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	92			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	80			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	103			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	83			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorononanoic acid (PFNA)	%	72			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	78			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	88			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	85			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	113			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	96			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	82			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	97			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	101			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	87			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	79			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	77			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	87			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	78			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	107			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	76			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	74			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	97			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	98			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	93			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	98			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	108			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	76			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	107			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-No14268	NCP	%	99			70-130	Pass	
TRH >C10-C16	S21-No14268	NCP	%	96			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No14248	NCP	%	106			70-130	Pass	
Acenaphthylene	S21-No21021	NCP	%	95			70-130	Pass	
Anthracene	S21-No21021	NCP	%	90			70-130	Pass	
Benz(a)anthracene	S21-No21021	NCP	%	85			70-130	Pass	
Benzo(a)pyrene	S21-No21021	NCP	%	85			70-130	Pass	
Benzo(b&j)fluoranthene	S21-No21021	NCP	%	85			70-130	Pass	
Benzo(g.h.i)perylene	S21-No32919	NCP	%	91			70-130	Pass	
Benzo(k)fluoranthene	S21-No21021	NCP	%	92			70-130	Pass	
Chrysene	S21-No21021	NCP	%	82			70-130	Pass	
Dibenz(a.h)anthracene	S21-No32919	NCP	%	89			70-130	Pass	
Fluoranthene	S21-No21021	NCP	%	85			70-130	Pass	
Fluorene	S21-No21021	NCP	%	88			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S21-No32919	NCP	%	92			70-130	Pass	
Naphthalene	S21-No21021	NCP	%	90			70-130	Pass	
Phenanthrene	S21-No21021	NCP	%	89			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Pyrene	S21-No14248	NCP	%	108			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No14248	NCP	%	89			70-130	Pass	
4.4'-DDD	S21-No14248	NCP	%	109			70-130	Pass	
4.4'-DDE	S21-No14248	NCP	%	87			70-130	Pass	
4.4'-DDT	S21-No14248	NCP	%	93			70-130	Pass	
a-HCH	S21-No14248	NCP	%	86			70-130	Pass	
Aldrin	S21-No14248	NCP	%	90			70-130	Pass	
b-HCH	S21-No14248	NCP	%	92			70-130	Pass	
d-HCH	S21-No14248	NCP	%	91			70-130	Pass	
Dieldrin	S21-No14248	NCP	%	90			70-130	Pass	
Endosulfan I	S21-No14248	NCP	%	91			70-130	Pass	
Endosulfan II	S21-No14248	NCP	%	87			70-130	Pass	
Endosulfan sulphate	S21-No32919	NCP	%	93			70-130	Pass	
Endrin	S21-No14248	NCP	%	95			70-130	Pass	
Endrin ketone	S21-No14248	NCP	%	72			70-130	Pass	
g-HCH (Lindane)	S21-No14248	NCP	%	86			70-130	Pass	
Heptachlor	S21-No21021	NCP	%	129			70-130	Pass	
Heptachlor epoxide	S21-No14248	NCP	%	91			70-130	Pass	
Hexachlorobenzene	S21-No14248	NCP	%	83			70-130	Pass	
Methoxychlor	S21-No14248	NCP	%	109			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No14248	NCP	%	111			70-130	Pass	
Dimethoate	S21-No14248	NCP	%	117			70-130	Pass	
Fenitrothion	S21-No32919	NCP	%	99			70-130	Pass	
Mevinphos	S21-No32919	NCP	%	118			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Chlorophenol	S21-No26745	NCP	%	89			30-130	Pass	
2-Methylphenol (o-Cresol)	S21-No26745	NCP	%	79			30-130	Pass	
2.4-Dichlorophenol	S21-No26745	NCP	%	83			30-130	Pass	
2.4.5-Trichlorophenol	S21-No26745	NCP	%	75			30-130	Pass	
2.4.6-Trichlorophenol	S21-No26745	NCP	%	91			30-130	Pass	
2.6-Dichlorophenol	S21-No26745	NCP	%	81			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No26745	NCP	%	84			30-130	Pass	
4-Chloro-3-methylphenol	S21-No14248	NCP	%	105			30-130	Pass	
4-Nitrophenol	S21-No07901	NCP	%	116			30-130	Pass	
Pentachlorophenol	S21-No14248	NCP	%	99			30-130	Pass	
Phenol	S21-No26745	NCP	%	87			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14322	CP	%	96			75-125	Pass	
Cadmium	S21-No14322	CP	%	101			75-125	Pass	
Chromium	S21-No14322	CP	%	97			75-125	Pass	
Copper	S21-No14322	CP	%	92			75-125	Pass	
Lead	S21-No14322	CP	%	93			75-125	Pass	
Mercury	S21-No14322	CP	%	86			75-125	Pass	
Nickel	S21-No14322	CP	%	93			75-125	Pass	
Zinc	S21-No14322	CP	%	95			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No14324	CP	%	85			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoropentanoic acid (PFPeA)	S21-No14324	CP	%	103			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14324	CP	%	87			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14324	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14324	CP	%	81			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No14324	CP	%	75			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14324	CP	%	90			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14324	CP	%	78			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14324	CP	%	76			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14324	CP	%	80			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14324	CP	%	98			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No14324	CP	%	87			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14324	CP	%	99			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14324	CP	%	94			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14324	CP	%	89			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14324	CP	%	88			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14324	CP	%	89			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14324	CP	%	89			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No14324	CP	%	77			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14324	CP	%	116			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14324	CP	%	78			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14324	CP	%	74			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14324	CP	%	94			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14324	CP	%	90			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14324	CP	%	107			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14324	CP	%	101			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14324	CP	%	103			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14324	CP	%	104			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14324	CP	%	85			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14324	CP	%	93			50-150	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
BTEX				Result 1					
Benzene	S21-No14339	CP	%	105			70-130	Pass	
Toluene	S21-No14339	CP	%	106			70-130	Pass	
Ethylbenzene	S21-No14339	CP	%	102			70-130	Pass	
m&p-Xylenes	S21-No14339	CP	%	106			70-130	Pass	
o-Xylene	S21-No14339	CP	%	104			70-130	Pass	
Xylenes - Total*	S21-No14339	CP	%	105			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S21-No14339	CP	%	76			70-130	Pass	
1.1.1-Trichloroethane	S21-No14339	CP	%	81			70-130	Pass	
1.2-Dichlorobenzene	S21-No14339	CP	%	101			70-130	Pass	
1.2-Dichloroethane	S21-No14339	CP	%	103			70-130	Pass	
Trichloroethene	S21-No14339	CP	%	86			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No14339	CP	%	101			70-130	Pass	
Naphthalene	S21-No14339	CP	%	91			70-130	Pass	
TRH C6-C10	S21-No14339	CP	%	99			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No14342	CP	%	87			75-125	Pass	
Cadmium	S21-No14342	CP	%	89			75-125	Pass	
Chromium	S21-No14342	CP	%	98			75-125	Pass	
Copper	S21-No14342	CP	%	81			75-125	Pass	
Lead	S21-No14342	CP	%	104			75-125	Pass	
Mercury	S21-No14342	CP	%	91			75-125	Pass	
Nickel	S21-No14342	CP	%	89			75-125	Pass	
Zinc	S21-No14342	CP	%	94			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No14344	CP	%	83			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14344	CP	%	85			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14344	CP	%	83			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14344	CP	%	90			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14344	CP	%	83			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No14344	CP	%	77			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14344	CP	%	83			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14344	CP	%	77			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14344	CP	%	93			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14344	CP	%	83			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14344	CP	%	93			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No14344	CP	%	92			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14344	CP	%	98			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14344	CP	%	100			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14344	CP	%	91			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14344	CP	%	80			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14344	CP	%	89			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14344	CP	%	91			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No14344	CP	%	79			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14344	CP	%	111			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14344	CP	%	90			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14344	CP	%	75			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14344	CP	%	87			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14344	CP	%	93			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14344	CP	%	97			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14344	CP	%	97			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14344	CP	%	77			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14344	CP	%	115			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14344	CP	%	87			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14344	CP	%	90			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14320	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14320	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14320	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14320	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14320	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.2.3-Trichloropropane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14320	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14320	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Fluoranthene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14320	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14320	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14320	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Monocrotophos	S21-No14320	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14320	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14320	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14320	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14320	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14320	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14320	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
a-HCH	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14320	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14320	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14320	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No14284	NCP	%	27	25	8.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14321	CP	mg/kg	7.8	14	55	30%	Fail	Q15
Cadmium	S21-No14321	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14321	CP	mg/kg	18	21	17	30%	Pass	
Copper	S21-No14321	CP	mg/kg	24	35	38	30%	Fail	Q15
Lead	S21-No14321	CP	mg/kg	14	19	29	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Mercury	S21-No14321	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14321	CP	mg/kg	12	17	34	30%	Fail	Q15
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14323	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14323	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14323	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14323	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14324	CP	mg/kg	16	17	6.0	30%	Pass	
Cadmium	S21-No14324	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14324	CP	mg/kg	23	25	7.0	30%	Pass	
Copper	S21-No14324	CP	mg/kg	12	12	5.0	30%	Pass	
Lead	S21-No14324	CP	mg/kg	22	23	6.0	30%	Pass	
Mercury	S21-No14324	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14324	CP	mg/kg	10	10	3.0	30%	Pass	
Zinc	S21-No14324	CP	mg/kg	27	25	8.0	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No14333	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
g-HCH (Lindane)	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No14333	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No14333	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No14333	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No14333	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No14333	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.3.5-Trichlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No14333	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No14333	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No14333	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No14333	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
a-HCH	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No14333	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endrin	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No14333	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No14333	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14333	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14333	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14333	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14333	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No14340	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No14340	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No14340	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No14340	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No14340	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No14340	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
4-Methyl-2-pentanone (MIBK)	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No14340	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S21-No14340	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No14340	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No14340	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S21-No14340	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No14340	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S21-No14340	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No14340	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No14340	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14341	CP	mg/kg	11	14	20	30%	Pass	
Cadmium	S21-No14341	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14341	CP	mg/kg	26	34	25	30%	Pass	
Copper	S21-No14341	CP	mg/kg	30	29	5.0	30%	Pass	
Lead	S21-No14341	CP	mg/kg	17	21	20	30%	Pass	
Mercury	S21-No14341	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14341	CP	mg/kg	13	12	8.0	30%	Pass	
Zinc	S21-No14341	CP	mg/kg	46	45	3.0	30%	Pass	

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Duplicate								
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD		
Perfluorobutanoic acid (PFBA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanoic acid (PFPeA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanoic acid (PFHxA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanoic acid (PFHpA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanoic acid (PFOA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanoic acid (PFNA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanoic acid (PFDA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroundecanoic acid (PFUnDA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorododecanoic acid (PFDoDA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotridecanoic acid (PFTrDA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotetradecanoic acid (PFTeDA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD		
Perfluorooctane sulfonamide (FOSA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No14343	CP	ug/kg	< 10	< 10	<1	30%	Pass
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No14343	CP	ug/kg	< 10	< 10	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD		
Perfluorobutanesulfonic acid (PFBS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanesulfonic acid (PFNS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropropanesulfonic acid (PFPrS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanesulfonic acid (PFPeS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanesulfonic acid (PFHxS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanesulfonic acid (PFHpS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanesulfonic acid (PFOS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanesulfonic acid (PFDS)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD		
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No14343	CP	ug/kg	< 10	< 10	<1	30%	Pass
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No14343	CP	ug/kg	< 5	< 5	<1	30%	Pass

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No14344	CP	mg/kg	11	8.7	22	30%	Pass	
Cadmium	S21-No14344	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No14344	CP	mg/kg	25	24	4.0	30%	Pass	
Copper	S21-No14344	CP	mg/kg	13	12	9.0	30%	Pass	
Lead	S21-No14344	CP	mg/kg	31	25	23	30%	Pass	
Mercury	S21-No14344	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No14344	CP	mg/kg	11	9.4	13	30%	Pass	
Zinc	S21-No14344	CP	mg/kg	30	27	10	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses
Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers
Change container type & size if necessary.

Required Turnaround Time (TAT)
Default will be 5 days if not ticked

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP145_0.1	8/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP145_0.3	8/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP144_0.1	8/11/21	S	X											
4	TP144_0.2	8/11/21	S		X										
5	TP144_0.3	8/11/21	S		X										
6	TP143_0.1	8/11/21	S	X											
7	TP143_0.3	8/11/21	S		X										
8	TP142_0.1	8/11/21	S	X											
9	TP142_0.3	8/11/21	S		X										
10	TP147_0.1	8/11/21	S	X											
		Total Counts		5	5										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Name	JACK EMBLEN	Signature		Date	11/9/2021	Time	
Laboratory Use Only	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	8/11	Time	11:15am	Temperature	
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	#841164

Eurofins Environment Testing Australia Pty Ltd

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are required, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ◆ ☐ 1 day ◆
☐ 2 days ◆ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP147_0.3	8/11/21	S		X									
12	TP148_0.1	8/11/21	S	X										
13	TP148_0.3	8/11/21	S		X									
14	TP149_0.1	8/11/21	S	X										
15	TP149_0.3	8/11/21	S		X									
16	TP146_0.1	8/11/21	S	X										
17	TP146_0.3	8/11/21	S		X									
18	TP125_0.1	8/11/21	S	X										
19	TP125_0.3	8/11/21	S		X									
20	TP123_0.1	8/11/21	S	X										
	Total Counts			5	5									

Method of Shipment	☐ Courier (#) ☐ Hand Delivered ☐ Postal	Name		Signature		Date	Time
Laboratory Use Only	Received By: Nich	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature:	Date: 11/11	Time: 11:15am	Temperature	
	Received By:	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature:	Date:	Time:	Report № # 841164	

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Containers (Change container type & size if necessary.)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked.)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦

☐ Same day ♦ ☐ 1 day ♦

☐ 2 days ♦ ☐ 3

☑ 5 days (Standard)

☐ Other( )

Analyses: Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA Vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP123_0.1	8/11/21	S	X											
22	TP123_0.3	8/11/21	S		X										
23	TP124_0.1	8/11/21	S	X											
24	TP124_0.3	8/11/21	S		X										
25	TP120_0.1	8/11/21	S	X											
26	TP120_0.3	8/11/21	S		X										
27	TP119_0.1	8/11/21	S	X											
28	TP119_0.3	8/11/21	S		X										
29	TP118_0.1	8/11/21	S	X											
30	TP118_0.2	8/11/21	S		X										
	Total Counts			5	5										

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name		Signature		Date	44502	Time	
Laboratory Use Only	Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:15am	Temperature	
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	# 841164

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
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02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses
Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

Containers
Change container type & size if necessary

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ◆ ☐ 1 day ◆
☐ 2 days ◆ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP104_0.1	9/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
2	TP104_0.3	9/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP103_0.1	9/11/21	S	X											
4	TP103_0.3	9/11/21	S		X										
5	TP102_0.1	9/11/21	S	X											
6	TP102_0.3	9/11/21	S		X										
7	TP93_0.1	9/11/21	S	X											
8	TP93_0.3	9/11/21	S		X										
9	TP94_0.1	9/11/21	S	X											
10	TP94_0.3	9/11/21	S		X										
	Total Counts			5	5										

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature		Date	11/10/2021	Time	
Laboratory Use Only	Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:15am	Temperature	
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	# 841164

Eurofins Environment Testing Australia Pty Ltd

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

Sydney Laboratory
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02 9900 8400 EnviroSampleNSW@eurofins.com

Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses
Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers
Change container type & size if necessary.

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

♦Surcharge will apply
- ☐ Overnight (reporting by 9am)♦
- ☐ Same day ♦ ☐ 1 day ♦
- ☐ 2 days ♦ ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP95_0.1	9/11/21	S	X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
12	TP95_0.3	9/11/21	S		X									**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
13	TP03_0.1	9/11/21	S	X										
14	TP03_0.3	9/11/21	S		X									
15	TP02_0.1	9/11/21	S	X										
16	TP02_0.3	9/11/21	S		X									
17	TP11_0.1	9/11/21	S	X										
18	TP15_0.1	9/11/21	S	X										
19	TP15_0.3	9/11/21	S		X									
20	TP55_0.1	9/11/21	S	X										PLEASE SEND TO ALS
		Total Counts		6	4									

Method of Shipment	☐ Courier (#)	☐ Hand Delivered	☐ Postal	Name		Signature		Date		Time	
Laboratory Use Only	Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:5am	Temperature	
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	# 841164

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

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☐ Overnight (reporting by 9am)♦

☐ Same day ◆ ☐ 1 day ◆

☐ 2 days ◆ ☐ 3

☑ 5 days (Standard)

☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP55_0.3	9/11/21	S		X										PLEASE SEND TO ALS
22	TP54_0.1	9/11/21	S	X											PLEASE SEND TO ALS
23	TP54_0.3	9/11/21	S		X										
24	TP43_0.1	9/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
25	TP43_0.3	9/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
26	TP33_0.1	9/11/21	S	X											
27	TP34_0.1	9/11/21	S	X											
28	TP35_0.1	9/11/21	S	X											
29	TP35_0.2	9/11/21	S		X										
30	TP36_0.1	9/11/21	S	X											
		Total Counts		6	4										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal — Name | Signature | Date 44502 | Time

Laboratory Use Only

Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 11/11	Time 11:15am	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report № # 841164

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

DRAFT

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
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07 3902 4600 EnviroSampleQLD@eurofins.com

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Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day ♦ ☐ 1 day ♦
- ☐ 2 days ♦ ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	Analyses: SOLID SUITE A*	SOLID SUITE B**	BTEX	Containers: 500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP117_0.1	8/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP117_0.2	8/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP111_0.1	8/11/21	S	X											
4	TP111_0.3	8/11/21	S		X										
5	TP112_0.1	8/11/21	S	X											
6	TP112_0.3	8/11/21	S		X										
7	TP113_0.1	8/11/21	S	X											
8	TP113_0.3	8/11/21	S		X										
9	TP126_0.1	8/11/21	S	X											
10	TP126_0.3	8/11/21	S		X										
	Total Counts			5	5										

Method of Shipment								
☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature		Date	11/9/2021	Time	

Laboratory Use Only										
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:15 am	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	# 841164

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

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☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP122_0.1	8/11/21	S		X									*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
12	TP122_0.3	8/11/21	S	X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
13	TP121_0.1	8/11/21	S		X									
14	TP121_0.3	8/11/21	S	X										
15	TP127_0.1	8/11/21	S		X									
16	TP127_0.3	8/11/21	S	X										
17	20211108_D01	8/11/21	S		X									
18	20211108_D02	8/11/21	S		X									
19	20211108_D03	8/11/21	S		X									
20	20211108_T01	8/11/21	S		X									PLEASE SEND TO ALS
	Total Counts			3	7									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal

	Name		Signature		Date		Time	
Laboratory Use Only — Received By	Nich	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:15am
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	

Time
Temperature
Report № 891164

Eurofins Environment Testing Australia Pty Ltd

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen			
Handed over by	Jack Emblen			
Email for Invoice	Nicholas Grbich			
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com			

Analyses – Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers – Change container type & size if necessary.

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☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	20211108_T02	8/11/21	S		X										PLEASE SEND TO ALS
22	20211108_T03	8/11/21	S		X										PLEASE SEND TO ALS
23		8/11/21	S												
24	TS/TB	8/11/21	S			X									*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP **Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
25		8/11/21	S												
26		8/11/21	S												
27		8/11/21	S												
28		8/11/21	S												
29		8/11/21	S												
30		8/11/21	S												
	Total Counts				2	1									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

	Name		Signature		Date	44502	Time	
Laboratory Use Only	Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 11/11	Time 11:15am	Temperature
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report № 841164

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

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CHAIN OF CUSTODY RECORD

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☐ **Sydney Laboratory**
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory**
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory**
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory**
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format ESdat, EQuIS etc	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP36_0.3	9/11/21	S		X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP56_0.1	9/11/21	S	X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP56_0.3	9/11/21	S		X										
4	20211109_D01	9/11/21	S		X										
5	20211109_T01	9/11/21	S		X										PLEASE SEND TO ALS
6															
7	TS/TB					X									
8															
9															
10															
	Total Counts			1	4	1									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal | Name: JACK EMBLEN | Signature: | Date: 11/10/2021 | Time:

Laboratory Use Only

Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 11/11	Time 11:15am	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report № H 841164

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request

HARD

0571466 - Esky Pickup

Jack Emblen <Jack.Emblen@erm.com>

Wed 11/10/2021 11:15 AM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>; #AU04_Enviro_Sample_NSW <EnviroSampleNSW@eurofins.com>

4 attachments (320 KB)

0571466_COC_09.11.21_1.xlsx; 0571466_COC_08.11.21_1.xlsx; 0571466_COC_08.11.21_2.xlsx; 0571466_COC_09.11.21_2.xlsx;

EXTERNAL EMAIL*

Hi John,

Can I please get courier booked to collect 2x eskies from ERM's Macquarie Park Office? Both ready now.

Please see attached COCs for samples sent in today and yesterday for this job.

I believe the samples sent in yesterday did not have a TS/TB with them, there should be two sets in today's esky pickup.

Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

Mmcallum

#841164

ERM The business of sustainability

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0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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Rolleston, Christchurch 7675
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Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	BRADFIELD CITY CENTRE
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 11, 2021 11:15 AM
Eurofins reference	841164

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Missing all samples for: TP03, TP02, TP11, TP15, TP55, TP54, TP43, TP33, TP34, TP35, TP36, TP56, 20211109_D01/T01, 2021108_D03 and second set of TS/TB. All analysis for missing samples have been cancelled. TP55, TP54 and 20211109_T01 are missing and selected samples cannot be sent to ALS. 20211108_T01, T02 and T03 sent to ALS as requested.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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email: EnviroSales@eurofins.com

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IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 841164
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Nov 18, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**							
1	AI_TP145_0.1	Nov 08, 2021		Soil	S21-No35198	X			X	X	X	X
2	AI_TP145_0.3	Nov 08, 2021		Soil	S21-No35199				X	X	X	X
3	AI_TP144_0.1	Nov 08, 2021		Soil	S21-No35200	X			X	X	X	X
4	AI_TP144_0.2	Nov 08, 2021		Soil	S21-No35201				X	X	X	X
5	AI_TP144_0.3	Nov 08, 2021		Soil	S21-No35202				X	X	X	X
6	AI_TP143_0.1	Nov 08, 2021		Soil	S21-No35203	X			X	X	X	X
7	AI_TP143_0.3	Nov 08, 2021		Soil	S21-No35204				X	X	X	X
8	AI_TP142_0.1	Nov 08, 2021		Soil	S21-No35205	X			X	X	X	X
9	AI_TP142_0.3	Nov 08, 2021		Soil	S21-No35206				X	X	X	X

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Phone : 0800 856 450
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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 841164
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Nov 18, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
10	AI_TP147_0.1	Nov 08, 2021		Soil	S21-No35207	X			X	X	X	X
11	AI_TP147_0.3	Nov 08, 2021		Soil	S21-No35208				X	X	X	X
12	AI_TP148_0.1	Nov 08, 2021		Soil	S21-No35209	X			X	X	X	X
13	AI_TP148_0.3	Nov 08, 2021		Soil	S21-No35210				X	X	X	X
14	AI_TP149_0.1	Nov 08, 2021		Soil	S21-No35211	X			X	X	X	X
15	AI_TP149_0.3	Nov 08, 2021		Soil	S21-No35212				X	X	X	X
16	AI_TP146_0.1	Nov 08, 2021		Soil	S21-No35213	X			X	X	X	X
17	AI_TP146_0.3	Nov 08, 2021		Soil	S21-No35214				X	X	X	X
18	AI_TP125_0.1	Nov 08, 2021		Soil	S21-No35215	X			X	X	X	X
19	AI_TP125_0.3	Nov 08, 2021		Soil	S21-No35216				X	X	X	X
20	AI_TP123_0.1	Nov 08, 2021		Soil	S21-No35217	X			X	X	X	X

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Company Name: ERM Sydney
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NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 841164
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Nov 18, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
21	AI_TP123_0.3	Nov 08, 2021		Soil	S21-No35218				X	X	X	X
22	AI_TP124_0.1	Nov 08, 2021		Soil	S21-No35219	X			X	X	X	X
23	AI_TP124_0.3	Nov 08, 2021		Soil	S21-No35220				X	X	X	X
24	AI_TP120_0.1	Nov 08, 2021		Soil	S21-No35221	X			X	X	X	X
25	AI_TP120_0.3	Nov 08, 2021		Soil	S21-No35222				X	X	X	X
26	AI_TP119_0.1	Nov 08, 2021		Soil	S21-No35223	X			X	X	X	X
27	AI_TP119_0.3	Nov 08, 2021		Soil	S21-No35224				X	X	X	X
28	AI_TP118_0.1	Nov 08, 2021		Soil	S21-No35225	X			X	X	X	X
29	AI_TP118_0.2	Nov 08, 2021		Soil	S21-No35226				X	X	X	X
30	AI_TP104_0.1	Nov 08, 2021		Soil	S21-No35227	X			X	X	X	X
31	AI_TP104_0.3	Nov 08, 2021		Soil	S21-No35228				X	X	X	X

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 841164
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Nov 18, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
32	AI_TP103_0.1	Nov 08, 2021		Soil	S21-No35229	X			X	X	X	X
33	AI_TP103_0.3	Nov 08, 2021		Soil	S21-No35230				X	X	X	X
34	AI_TP102_0.1	Nov 08, 2021		Soil	S21-No35231	X			X	X	X	X
35	AI_TP102_0.3	Nov 08, 2021		Soil	S21-No35232				X	X	X	X
36	AI_TP93_0.1	Nov 08, 2021		Soil	S21-No35233	X			X	X	X	X
37	AI_TP93_0.3	Nov 08, 2021		Soil	S21-No35234				X	X	X	X
38	AI_TP94_0.1	Nov 08, 2021		Soil	S21-No35235	X			X	X	X	X
39	AI_TP94_0.3	Nov 08, 2021		Soil	S21-No35236				X	X	X	X
40	AI_TP95_0.1	Nov 08, 2021		Soil	S21-No35237	X			X	X	X	X
41	AI_TP95_0.3	Nov 08, 2021		Soil	S21-No35238				X	X	X	X
42	AI_TP03_0.1	Nov 08, 2021		Soil	S21-No35239		X					

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 841164
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Nov 18, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
43	AI_TP03_0.3	Nov 08, 2021		Soil	S21-No35240		X					
44	AI_TP02_0.1	Nov 08, 2021		Soil	S21-No35241		X					
45	AI_TP02_0.3	Nov 08, 2021		Soil	S21-No35242		X					
46	AI_TP11_0.1	Nov 08, 2021		Soil	S21-No35243		X					
47	AI_TP15_0.1	Nov 08, 2021		Soil	S21-No35244		X					
48	AI_TP15_0.3	Nov 08, 2021		Soil	S21-No35245		X					
49	AI_TP55_0.1	Nov 08, 2021		Soil	S21-No35246		X					
50	AI_TP55_0.1	Nov 08, 2021		Soil	S21-No35247		X					
51	AI_TP55_0.3	Nov 08, 2021		Soil	S21-No35248		X					
52	AI_TP54_0.1	Nov 08, 2021		Soil	S21-No35249		X					
53	AI_TP54_0.3	Nov 08, 2021		Soil	S21-No35250		X					

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
54	AI_TP43_0.1	Nov 08, 2021		Soil	S21-No35251		X					
55	AI_TP43_0.3	Nov 08, 2021		Soil	S21-No35252		X					
56	AI_TP33_0.1	Nov 08, 2021		Soil	S21-No35253		X					
57	AI_TP34_0.1	Nov 08, 2021		Soil	S21-No35254		X					
58	AI_TP35_0.1	Nov 08, 2021		Soil	S21-No35255		X					
59	AI_TP35_0.2	Nov 08, 2021		Soil	S21-No35256		X					
60	AI_TP36_0.1	Nov 08, 2021		Soil	S21-No35257		X					
61	AI_TP36_0.1	Nov 08, 2021		Soil	S21-No35258		X					
62	AI_TP117_0.1	Nov 08, 2021		Soil	S21-No35259	X			X	X	X	X
63	AI_TP117_0.2	Nov 08, 2021		Soil	S21-No35260				X	X	X	X
64	AI_TP111_0.1	Nov 08, 2021		Soil	S21-No35261	X			X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
65	AI_TP111_0.3	Nov 08, 2021		Soil	S21-No35262				X	X	X	X
66	AI_TP112_0.1	Nov 08, 2021		Soil	S21-No35263	X			X	X	X	X
67	AI_TP112_0.3	Nov 08, 2021		Soil	S21-No35264				X	X	X	X
68	AI_TP113_0.1	Nov 08, 2021		Soil	S21-No35265	X			X	X	X	X
69	AI_TP113_0.3	Nov 08, 2021		Soil	S21-No35266				X	X	X	X
70	AI_TP126_0.1	Nov 08, 2021		Soil	S21-No35267	X			X	X	X	X
71	AI_TP126_0.3	Nov 08, 2021		Soil	S21-No35268				X	X	X	X
72	AI_TP122_0.1	Nov 08, 2021		Soil	S21-No35269	X			X	X	X	X
73	AI_TP122_0.3	Nov 08, 2021		Soil	S21-No35270				X	X	X	X
74	AI_TP121_0.1	Nov 08, 2021		Soil	S21-No35271	X			X	X	X	X
75	AI_TP121_0.3	Nov 08, 2021		Soil	S21-No35272				X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
76	AI_TP127_0.1	Nov 08, 2021		Soil	S21-No35273	X			X	X	X	X
77	AI_TP127_0.3	Nov 08, 2021		Soil	S21-No35274				X	X	X	X
78	AI_20211108_D01	Nov 08, 2021		Soil	S21-No35275				X	X	X	X
79	AI_20211108_D02	Nov 08, 2021		Soil	S21-No35276				X	X	X	X
80	AI_20211108_D03	Nov 08, 2021		Soil	S21-No35277		X					
81	AI_TS	Nov 08, 2021		Water	S21-No35278			X				
82	AI_TB	Nov 08, 2021		Water	S21-No35279			X				
83	AI_TP36_0.3	Nov 09, 2021		Soil	S21-No35280		X					
84	AI_TP56_0.1	Nov 09, 2021		Soil	S21-No35281		X					

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794												X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
85	AI_TP56_0.3	Nov 09, 2021		Soil	S21-No35282		X					
86	AI_2021109_D01	Nov 09, 2021		Soil	S21-No35283		X					
Test Counts						28	25	2	59	59	59	59

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	841164-AID-V2
Project Name	BRADFIELD CITY CENTRE
Project ID	0571466
Received Date	Nov 11, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name BRADFIELD CITY CENTRE
Project ID 0571466
Date Sampled Nov 08, 2021
Report 841164-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP145_0.1	21-No35198	Nov 08, 2021	Approximate Sample 524g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP144_0.1	21-No35200	Nov 08, 2021	Approximate Sample 392g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP143_0.1	21-No35203	Nov 08, 2021	Approximate Sample 379g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP142_0.1	21-No35205	Nov 08, 2021	Approximate Sample 374g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP147_0.1	21-No35207	Nov 08, 2021	Approximate Sample 491g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP148_0.1	21-No35209	Nov 08, 2021	Approximate Sample 264g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP149_0.1	21-No35211	Nov 08, 2021	Approximate Sample 493g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP146_0.1	21-No35213	Nov 08, 2021	Approximate Sample 414g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP125_0.1	21-No35215	Nov 08, 2021	Approximate Sample 441g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP123_0.1	21-No35217	Nov 08, 2021	Approximate Sample 543g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP124_0.1	21-No35219	Nov 08, 2021	Approximate Sample 423g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP120_0.1	21-No35221	Nov 08, 2021	Approximate Sample 295g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP119_0.1	21-No35223	Nov 08, 2021	Approximate Sample 334g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP118_0.1	21-No35225	Nov 08, 2021	Approximate Sample 327g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP104_0.1	21-No35227	Nov 08, 2021	Approximate Sample 615g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP103_0.1	21-No35229	Nov 08, 2021	Approximate Sample 523g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP102_0.1	21-No35231	Nov 08, 2021	Approximate Sample 501g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP93_0.1	21-No35233	Nov 08, 2021	Approximate Sample 546g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP94_0.1	21-No35235	Nov 08, 2021	Approximate Sample 473g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP95_0.1	21-No35237	Nov 08, 2021	Approximate Sample 553g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP117_0.1	21-No35259	Nov 08, 2021	Approximate Sample 438g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP111_0.1	21-No35261	Nov 08, 2021	Approximate Sample 255g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP112_0.1	21-No35263	Nov 08, 2021	Approximate Sample 397g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP113_0.1	21-No35265	Nov 08, 2021	Approximate Sample 459g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP126_0.1	21-No35267	Nov 08, 2021	Approximate Sample 356g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP122_0.1	21-No35269	Nov 08, 2021	Approximate Sample 357g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP121_0.1	21-No35271	Nov 08, 2021	Approximate Sample 381g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP127_0.1	21-No35273	Nov 08, 2021	Approximate Sample 378g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 16, 2021	Indefinite

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Laxman Dias	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Attention: **Nicholas Grbich**

Report **841164-S-V2**
Project name BRADFIELD CITY CENTRE
Project ID 0571466
Received Date Nov 11, 2021

Client Sample ID			**AI_TP145_0.1**	**AI_TP145_0.3**	**AI_TP144_0.1**	**AI_TP144_0.2**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No35198**	**S21-No35199**	**S21-No35200**	**S21-No35201**
Date Sampled			**Nov 08, 2021**	**Nov 08, 2021**	**Nov 08, 2021**	**Nov 08, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	26	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	72	< 50
TRH C29-C36	50	mg/kg	58	< 50	50	< 50
TRH C10-C36 (Total)	50	mg/kg	58	< 50	148	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	105	81	98	110
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP145_0.1	AI_TP145_0.3	AI_TP144_0.1	AI_TP144_0.2
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35198	S21-No35199	S21-No35200	S21-No35201
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	105	81	98	110
Toluene-d8 (surr.)	1	%	102	65	92	103

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Client Sample ID			AI_TP145_0.1	AI_TP145_0.3	AI_TP144_0.1	AI_TP144_0.2
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35198	S21-No35199	S21-No35200	S21-No35201
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	125	106	98	106
p-Terphenyl-d14 (surr.)	1	%	136	117	108	117
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	148	122	108	115
Tetrachloro-m-xylene (surr.)	1	%	122	104	96	106

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Client Sample ID			AI_TP145_0.1	AI_TP145_0.3	AI_TP144_0.1	AI_TP144_0.2
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35198	S21-No35199	S21-No35200	S21-No35201
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	135	109	105	110
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP145_0.1	AI_TP145_0.3	AI_TP144_0.1	AI_TP144_0.2
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35198	S21-No35199	S21-No35200	S21-No35201
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	125	106	98	106
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 1	< 1	< 1	< 1
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	57	61	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP145_0.1	AI_TP145_0.3	AI_TP144_0.1	AI_TP144_0.2
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35198	S21-No35199	S21-No35200	S21-No35201
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	125	102	97	107
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	104	102	50	96
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP145_0.1	AI_TP145_0.3	AI_TP144_0.1	AI_TP144_0.2
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35198	S21-No35199	S21-No35200	S21-No35201
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	18	17	7.3	2.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	21	17	12
Copper	5	mg/kg	25	29	20	5.3
Lead	5	mg/kg	17	13	14	< 5
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	22	9.9	14	6.9
Zinc	5	mg/kg	36	34	34	20
% Moisture	1	%	22	17	20	6.0
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	109	111	124	115
13C5-PFPeA (surr.)	1	%	110	115	128	121
13C5-PFHxA (surr.)	1	%	103	108	121	105
13C4-PFHpA (surr.)	1	%	103	107	114	103
13C8-PFOA (surr.)	1	%	120	123	136	128
13C5-PFNA (surr.)	1	%	133	150	153	144
13C6-PFDA (surr.)	1	%	123	134	145	143
13C2-PFUnDA (surr.)	1	%	114	143	144	131
13C2-PFDoDA (surr.)	1	%	129	145	155	143
13C2-PFTeDA (surr.)	1	%	89	100	103	89
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	79	87	86	83
D3-N-MeFOSA (surr.)	1	%	111	115	126	123
D5-N-EtFOSA (surr.)	1	%	121	138	138	131
D7-N-MeFOSE (surr.)	1	%	82	106	105	104
D9-N-EtFOSE (surr.)	1	%	75	94	95	83
D5-N-EtFOSAA (surr.)	1	%	110	102	130	123
D3-N-MeFOSAA (surr.)	1	%	89	82	111	105

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Client Sample ID			AI_TP145_0.1	AI_TP145_0.3	AI_TP144_0.1	AI_TP144_0.2
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35198	S21-No35199	S21-No35200	S21-No35201
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	109	116	128	115
18O2-PFHxS (surr.)	1	%	121	127	130	121
13C8-PFOS (surr.)	1	%	111	127	124	123
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	134	75	141	119
13C2-6:2 FTSA (surr.)	1	%	159	95	129	127
13C2-8:2 FTSA (surr.)	1	%	95	107	118	107
13C2-10:2 FTSA (surr.)	1	%	84	96	108	99
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	62	< 50	50
TRH C29-C36	50	mg/kg	< 50	86	< 50	71
TRH C10-C36 (Total)	50	mg/kg	< 50	148	< 50	121
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	110	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	110	< 100	< 100

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Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	96	98	91	72
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	96	98	91	72
Toluene-d8 (surr.)	1	%	83	94	82	62
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	88	112	102	104
p-Terphenyl-d14 (surr.)	1	%	96	131	117	91
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	1.0	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	0.33	< 0.05	0.09
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	0.33	< 0.05	0.09
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	1.33	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	90	130	116	120
Tetrachloro-m-xylene (surr.)	1	%	88	111	102	87
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	87	128	112	121
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	88	112	102	104
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 1	< 1	< 1	< 1
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	86	115	103	105
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	82	88	94	84
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	4.1	11	10
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	16	33	22
Copper	5	mg/kg	32	22	23	17
Lead	5	mg/kg	12	33	25	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	14	12	13	9.3
Zinc	5	mg/kg	43	71	42	35
% Moisture	1	%	15	19	15	21
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	106	79	127	117
13C5-PFPeA (surr.)	1	%	108	82	127	122
13C5-PFHxA (surr.)	1	%	106	74	119	118
13C4-PFHpA (surr.)	1	%	92	70	112	112
13C8-PFOA (surr.)	1	%	115	88	143	130
13C5-PFNA (surr.)	1	%	130	100	165	147
13C6-PFDA (surr.)	1	%	127	96	149	137
13C2-PFUnDA (surr.)	1	%	128	90	144	119
13C2-PFDoDA (surr.)	1	%	130	94	149	135
13C2-PFTeDA (surr.)	1	%	91	64	100	85

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Client Sample ID			AI_TP144_0.3	AI_TP143_0.1	AI_TP143_0.3	AI_TP142_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35202	S21-No35203	S21-No35204	S21-No35205
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	75	56	93	77
D3-N-MeFOSA (surr.)	1	%	102	73	120	100
D5-N-EtFOSA (surr.)	1	%	122	87	142	123
D7-N-MeFOSE (surr.)	1	%	89	67	115	89
D9-N-EtFOSE (surr.)	1	%	83	59	98	72
D5-N-EtFOSAA (surr.)	1	%	105	82	134	114
D3-N-MeFOSAA (surr.)	1	%	86	67	114	96
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	110	83	131	123
18O2-PFHxS (surr.)	1	%	117	86	136	127
13C8-PFOS (surr.)	1	%	107	78	131	120
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	91	88	131	155
13C2-6:2 FTSA (surr.)	1	%	110	83	130	177
13C2-8:2 FTSA (surr.)	1	%	105	76	118	110
13C2-10:2 FTSA (surr.)	1	%	94	59	105	97
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	61	< 50	56
TRH C10-C36 (Total)	50	mg/kg	< 50	61	< 50	56
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	101	91	93	101
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	101	91	93	101
Toluene-d8 (surr.)	1	%	96	83	88	87
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	108	99	107
p-Terphenyl-d14 (surr.)	1	%	97	97	91	98
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	121	127	109	120
Tetrachloro-m-xylene (surr.)	1	%	97	94	87	93
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	127	131	115	129
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	108	99	107
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 1	< 1	< 1	< 1
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	50	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	110	112	102	109
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	120	88	107	92
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.9	11	14	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	23	25	36	22
Copper	5	mg/kg	21	21	25	30
Lead	5	mg/kg	17	21	16	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	14	10	12	16
Zinc	5	mg/kg	37	42	39	49
% Moisture	1	%	18	19	18	24
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	106	106	99	117
13C5-PFPeA (surr.)	1	%	115	112	100	116
13C5-PFHxA (surr.)	1	%	110	108	97	115
13C4-PFHpA (surr.)	1	%	102	102	90	111
13C8-PFOA (surr.)	1	%	119	118	103	128
13C5-PFNA (surr.)	1	%	134	123	117	147
13C6-PFDA (surr.)	1	%	122	123	107	128
13C2-PFUnDA (surr.)	1	%	117	111	106	126
13C2-PFDoDA (surr.)	1	%	127	117	116	140
13C2-PFTeDA (surr.)	1	%	88	88	82	96
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	79	72	66	77
D3-N-MeFOSA (surr.)	1	%	106	95	92	104
D5-N-EtFOSA (surr.)	1	%	117	114	107	123
D7-N-MeFOSE (surr.)	1	%	92	83	84	95
D9-N-EtFOSE (surr.)	1	%	79	73	78	85
D5-N-EtFOSAA (surr.)	1	%	86	99	92	115
D3-N-MeFOSAA (surr.)	1	%	65	85	74	92
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	125	119	97	123
18O2-PFHxS (surr.)	1	%	120	111	106	121
13C8-PFOS (surr.)	1	%	114	100	102	111

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Client Sample ID			AI_TP142_0.3	AI_TP147_0.1	AI_TP147_0.3	AI_TP148_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35206	S21-No35207	S21-No35208	S21-No35209
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	107	156	102	150
13C2-6:2 FTSA (surr.)	1	%	116	159	92	169
13C2-8:2 FTSA (surr.)	1	%	100	95	94	107
13C2-10:2 FTSA (surr.)	1	%	90	88	85	97
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	50	< 50	70
TRH C10-C36 (Total)	50	mg/kg	< 50	50	< 50	70
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	85	62	87	98

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Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	85	62	87	98
Toluene-d8 (surr.)	1	%	82	51	83	95
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	105	101	113
p-Terphenyl-d14 (surr.)	1	%	97	94	93	103
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	117	122	110	132
Tetrachloro-m-xylene (surr.)	1	%	93	91	89	99
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	128	123	122	139

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Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	105	101	113
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 1	< 1	< 1	< 1
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	107	105	98	113
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	116	96	101	90
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	8.8	4.3	7.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	25	18	23
Copper	5	mg/kg	32	26	22	18
Lead	5	mg/kg	11	18	12	13
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.7	17	15	15
Zinc	5	mg/kg	33	39	39	44
% Moisture	1	%	22	21	15	16
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	114	114	115	93
13C5-PFPeA (surr.)	1	%	114	119	121	102
13C5-PFHxA (surr.)	1	%	104	116	111	102
13C4-PFHpA (surr.)	1	%	102	107	108	98
13C8-PFOA (surr.)	1	%	120	126	131	117
13C5-PFNA (surr.)	1	%	139	144	147	120
13C6-PFDA (surr.)	1	%	134	134	129	109
13C2-PFUnDA (surr.)	1	%	123	121	127	102
13C2-PFDoDA (surr.)	1	%	143	139	136	107
13C2-PFTeDA (surr.)	1	%	96	93	98	74

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Client Sample ID			AI_TP148_0.3	AI_TP149_0.1	AI_TP149_0.3	AI_TP146_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35210	S21-No35211	S21-No35212	S21-No35213
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	78	81	76	66
D3-N-MeFOSA (surr.)	1	%	103	109	111	85
D5-N-EtFOSA (surr.)	1	%	118	127	124	105
D7-N-MeFOSE (surr.)	1	%	98	98	95	81
D9-N-EtFOSE (surr.)	1	%	86	86	89	62
D5-N-EtFOSAA (surr.)	1	%	104	113	122	98
D3-N-MeFOSAA (surr.)	1	%	89	90	98	71
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	116	127	122	111
18O2-PFHxS (surr.)	1	%	117	124	128	109
13C8-PFOS (surr.)	1	%	118	112	115	101
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	105	124	111	155
13C2-6:2 FTSA (surr.)	1	%	119	131	149	181
13C2-8:2 FTSA (surr.)	1	%	102	109	104	89
13C2-10:2 FTSA (surr.)	1	%	101	93	105	81
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	68	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	90	< 50	62
TRH C10-C36 (Total)	50	mg/kg	< 50	158	< 50	62
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	130	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	130	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	66	67	80	88
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	66	67	80	88
Toluene-d8 (surr.)	1	%	64	67	75	80
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	115	133	124	114
p-Terphenyl-d14 (surr.)	1	%	121	135	121	113
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	108	INT	129	130
Tetrachloro-m-xylene (surr.)	1	%	106	120	108	100
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	123	INT	137	126
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	115	133	124	114
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	72	69	95	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	120	132	120	112
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	111	82	115	83
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.5	5.1	5.0	5.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	24	21	25	28
Copper	5	mg/kg	26	27	34	48
Lead	5	mg/kg	9.8	17	17	33
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	16	11	11	57
Zinc	5	mg/kg	57	36	40	170
% Moisture	1	%	15	26	24	26
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	77	112	118	95
13C5-PFPeA (surr.)	1	%	84	118	120	94
13C5-PFHxA (surr.)	1	%	78	111	107	109
13C4-PFHpA (surr.)	1	%	72	103	100	93
13C8-PFOA (surr.)	1	%	90	122	128	94
13C5-PFNA (surr.)	1	%	98	140	147	99
13C6-PFDA (surr.)	1	%	97	130	134	108
13C2-PFUnDA (surr.)	1	%	93	121	131	111
13C2-PFDoDA (surr.)	1	%	96	130	141	116
13C2-PFTeDA (surr.)	1	%	67	91	102	106
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	61	74	89	92
D3-N-MeFOSA (surr.)	1	%	79	99	116	76
D5-N-EtFOSA (surr.)	1	%	89	115	130	78
D7-N-MeFOSE (surr.)	1	%	69	88	101	88
D9-N-EtFOSE (surr.)	1	%	63	81	92	89
D5-N-EtFOSAA (surr.)	1	%	75	114	112	86
D3-N-MeFOSAA (surr.)	1	%	61	89	89	81
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	88	126	119	93
18O2-PFHxS (surr.)	1	%	93	121	120	97
13C8-PFOS (surr.)	1	%	89	115	129	81

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Client Sample ID			AI_TP146_0.3	AI_TP125_0.1	AI_TP125_0.3	AI_TP123_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35214	S21-No35215	S21-No35216	S21-No35217
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	69	148	101	88
13C2-6:2 FTSA (surr.)	1	%	77	159	113	83
13C2-8:2 FTSA (surr.)	1	%	69	104	107	95
13C2-10:2 FTSA (surr.)	1	%	69	99	100	91
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	61	< 50	62
TRH C10-C36 (Total)	50	mg/kg	< 50	61	< 50	62
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	58	85	105

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Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	87	58	85	105
Toluene-d8 (surr.)	1	%	72	58	76	94
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	120	125	109	91
p-Terphenyl-d14 (surr.)	1	%	117	123	103	92
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	129	144	103	95
Tetrachloro-m-xylene (surr.)	1	%	106	109	92	78
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	129	140	117	102

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Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	120	125	109	91
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	53	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	118	120	105	89
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	103	91	94	68
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.0	9.3	12	18
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	23	21	26	35
Copper	5	mg/kg	26	22	28	21
Lead	5	mg/kg	16	28	24	34
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	21	16	25	8.9
Zinc	5	mg/kg	46	46	63	45
% Moisture	1	%	23	26	20	27
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	96	84	93	89
13C5-PFPeA (surr.)	1	%	100	96	112	95
13C5-PFHxA (surr.)	1	%	109	94	103	98
13C4-PFHpA (surr.)	1	%	87	84	92	88
13C8-PFOA (surr.)	1	%	104	87	103	89
13C5-PFNA (surr.)	1	%	103	92	109	101
13C6-PFDA (surr.)	1	%	112	97	106	99
13C2-PFUnDA (surr.)	1	%	103	95	99	98
13C2-PFDoDA (surr.)	1	%	120	98	121	109
13C2-PFTeDA (surr.)	1	%	100	96	93	116

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Client Sample ID			AI_TP123_0.3	AI_TP124_0.1	AI_TP124_0.3	AI_TP120_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35218	S21-No35219	S21-No35220	S21-No35221
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	88	83	90	91
D3-N-MeFOSA (surr.)	1	%	76	68	80	63
D5-N-EtFOSA (surr.)	1	%	85	71	83	73
D7-N-MeFOSE (surr.)	1	%	102	84	106	94
D9-N-EtFOSE (surr.)	1	%	91	79	88	84
D5-N-EtFOSAA (surr.)	1	%	79	78	82	83
D3-N-MeFOSAA (surr.)	1	%	78	72	81	78
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	105	100	118	102
18O2-PFHxS (surr.)	1	%	99	81	96	93
13C8-PFOS (surr.)	1	%	85	75	79	92
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	75	74	79	83
13C2-6:2 FTSA (surr.)	1	%	75	83	71	102
13C2-8:2 FTSA (surr.)	1	%	86	77	85	80
13C2-10:2 FTSA (surr.)	1	%	101	88	88	96
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	72	< 50	51
TRH C10-C36 (Total)	50	mg/kg	< 50	72	< 50	51
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	110	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	110	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	76	66	77	69
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	76	66	77	69
Toluene-d8 (surr.)	1	%	71	66	73	67
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	130	118	102
p-Terphenyl-d14 (surr.)	1	%	117	128	115	107
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	122	148	119	110
Tetrachloro-m-xylene (surr.)	1	%	100	111	102	90
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	130	148	130	119
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	130	118	102
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	109	127	112	99
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	110	99	109	82
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	15	11	10	8.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	31	27	23	17
Copper	5	mg/kg	24	24	25	23
Lead	5	mg/kg	23	29	23	23
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.1	17	10	15
Zinc	5	mg/kg	33	62	37	47
% Moisture	1	%	21	28	23	22
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	97	99	91	98
13C5-PFPeA (surr.)	1	%	105	112	103	106
13C5-PFHxA (surr.)	1	%	112	106	102	110
13C4-PFHpA (surr.)	1	%	88	94	90	92
13C8-PFOA (surr.)	1	%	92	101	100	92
13C5-PFNA (surr.)	1	%	100	118	98	105
13C6-PFDA (surr.)	1	%	108	116	103	110
13C2-PFUnDA (surr.)	1	%	114	113	102	105
13C2-PFDoDA (surr.)	1	%	123	121	113	128
13C2-PFTeDA (surr.)	1	%	99	109	98	129
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	89	98	83	95
D3-N-MeFOSA (surr.)	1	%	75	81	76	70
D5-N-EtFOSA (surr.)	1	%	94	80	79	73
D7-N-MeFOSE (surr.)	1	%	101	106	102	106
D9-N-EtFOSE (surr.)	1	%	90	92	85	93
D5-N-EtFOSAA (surr.)	1	%	66	84	80	84
D3-N-MeFOSAA (surr.)	1	%	62	84	78	86
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	106	118	110	110
18O2-PFHxS (surr.)	1	%	98	100	90	97
13C8-PFOS (surr.)	1	%	97	89	75	89

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Client Sample ID			AI_TP120_0.3	AI_TP119_0.1	AI_TP119_0.3	AI_TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35222	S21-No35223	S21-No35224	S21-No35225
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	86	92	79	93
13C2-6:2 FTSA (surr.)	1	%	86	96	81	127
13C2-8:2 FTSA (surr.)	1	%	93	87	88	85
13C2-10:2 FTSA (surr.)	1	%	102	90	81	100
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	76
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	76
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	79	82	69	56

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Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	79	82	69	56
Toluene-d8 (surr.)	1	%	78	83	71	57
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	116	98	110	95
p-Terphenyl-d14 (surr.)	1	%	120	87	104	92
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	120	71	83	99
Tetrachloro-m-xylene (surr.)	1	%	100	80	89	81
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	126	83	99	101

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Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	116	98	110	95
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	112	93	101	90
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	104	96	108	87
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	21	20	9.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	25	63	57	28
Copper	5	mg/kg	35	21	41	28
Lead	5	mg/kg	26	45	38	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	15	17	17	9.3
Zinc	5	mg/kg	52	61	70	41
% Moisture	1	%	21	15	24	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	104	95	96	84
13C5-PFPeA (surr.)	1	%	117	99	99	80
13C5-PFHxA (surr.)	1	%	114	103	99	97
13C4-PFHpA (surr.)	1	%	104	92	99	76
13C8-PFOA (surr.)	1	%	113	92	97	71
13C5-PFNA (surr.)	1	%	110	107	103	68
13C6-PFDA (surr.)	1	%	113	104	108	75
13C2-PFUnDA (surr.)	1	%	116	101	114	70
13C2-PFDoDA (surr.)	1	%	129	123	116	97
13C2-PFTeDA (surr.)	1	%	109	99	109	114

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Client Sample ID			AI_TP118_0.2	AI_TP104_0.1	AI_TP104_0.3	AI_TP103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35226	S21-No35227	S21-No35228	S21-No35229
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	87	101	78
D3-N-MeFOSA (surr.)	1	%	85	76	75	49
D5-N-EtFOSA (surr.)	1	%	88	78	78	41
D7-N-MeFOSE (surr.)	1	%	108	100	98	66
D9-N-EtFOSE (surr.)	1	%	100	86	90	62
D5-N-EtFOSAA (surr.)	1	%	81	76	57	61
D3-N-MeFOSAA (surr.)	1	%	89	73	52	57
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	125	114	113	107
18O2-PFHxS (surr.)	1	%	107	100	93	69
13C8-PFOS (surr.)	1	%	99	97	90	76
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	73	84	81	INT
13C2-6:2 FTSA (surr.)	1	%	92	84	85	101
13C2-8:2 FTSA (surr.)	1	%	98	87	83	67
13C2-10:2 FTSA (surr.)	1	%	102	89	89	106
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	52	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	52	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	60	64	91	74
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	60	64	91	74
Toluene-d8 (surr.)	1	%	60	65	92	72
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	97	97	103
p-Terphenyl-d14 (surr.)	1	%	101	91	95	100
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	101	102	93	97
Tetrachloro-m-xylene (surr.)	1	%	86	88	82	88
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	110	110	100	106
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	97	97	103
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	101	99	93	99
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	111	98	107	106
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	15	11	12	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	40	29	28	37
Copper	5	mg/kg	27	24	28	19
Lead	5	mg/kg	24	27	24	27
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10.0	14	12	14
Zinc	5	mg/kg	37	44	41	41
% Moisture	1	%	20	20	20	21
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	97	93	92	91
13C5-PFPeA (surr.)	1	%	100	108	98	93
13C5-PFHxA (surr.)	1	%	96	101	106	90
13C4-PFHpA (surr.)	1	%	86	90	90	93
13C8-PFOA (surr.)	1	%	102	97	98	92
13C5-PFNA (surr.)	1	%	111	105	109	97
13C6-PFDA (surr.)	1	%	103	108	102	104
13C2-PFUnDA (surr.)	1	%	104	99	105	99
13C2-PFDoDA (surr.)	1	%	128	116	111	106
13C2-PFTeDA (surr.)	1	%	142	104	107	102
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	92	94	86	94
D3-N-MeFOSA (surr.)	1	%	71	74	78	76
D5-N-EtFOSA (surr.)	1	%	71	76	76	83
D7-N-MeFOSE (surr.)	1	%	104	95	97	97
D9-N-EtFOSE (surr.)	1	%	99	79	86	91
D5-N-EtFOSAA (surr.)	1	%	66	78	66	69
D3-N-MeFOSAA (surr.)	1	%	64	77	51	71
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	118	110	108	109
18O2-PFHxS (surr.)	1	%	94	94	94	98
13C8-PFOS (surr.)	1	%	83	81	79	87

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Client Sample ID			AI_TP103_0.3	AI_TP102_0.1	AI_TP102_0.3	AI_TP93_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35230	S21-No35231	S21-No35232	S21-No35233
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	76	89	77	77
13C2-6:2 FTSA (surr.)	1	%	85	100	83	70
13C2-8:2 FTSA (surr.)	1	%	94	75	89	76
13C2-10:2 FTSA (surr.)	1	%	88	109	86	88
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	51
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	51
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	73	66	64	59

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Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	73	66	64	59
Toluene-d8 (surr.)	1	%	73	70	74	67
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	97	105	87
p-Terphenyl-d14 (surr.)	1	%	99	93	101	85
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	84	94	99	97
Tetrachloro-m-xylene (surr.)	1	%	87	83	90	78
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	103	102	113	99

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Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	97	105	87
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	0.5	0.8	0.6
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	95	95	102	87
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	107	102	93	92
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	6.8	12	7.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	32	20	29	16
Copper	5	mg/kg	22	27	53	20
Lead	5	mg/kg	27	21	34	23
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	22	27	14
Zinc	5	mg/kg	44	61	120	50
% Moisture	1	%	17	24	20	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	90	94	97	96
13C5-PFPeA (surr.)	1	%	88	91	105	114
13C5-PFHxA (surr.)	1	%	103	97	106	112
13C4-PFHpA (surr.)	1	%	87	88	104	97
13C8-PFOA (surr.)	1	%	89	105	98	101
13C5-PFNA (surr.)	1	%	98	96	109	102
13C6-PFDA (surr.)	1	%	103	111	114	107
13C2-PFUnDA (surr.)	1	%	101	102	104	105
13C2-PFDoDA (surr.)	1	%	121	125	119	116
13C2-PFTeDA (surr.)	1	%	95	107	106	131

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Client Sample ID			AI_TP93_0.3	AI_TP94_0.1	AI_TP94_0.3	AI_TP95_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35234	S21-No35235	S21-No35236	S21-No35237
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	84	84	98	103
D3-N-MeFOSA (surr.)	1	%	73	73	74	79
D5-N-EtFOSA (surr.)	1	%	79	76	78	75
D7-N-MeFOSE (surr.)	1	%	96	104	100	106
D9-N-EtFOSE (surr.)	1	%	89	83	97	99
D5-N-EtFOSAA (surr.)	1	%	59	79	74	86
D3-N-MeFOSAA (surr.)	1	%	57	82	65	76
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	106	106	110	101
18O2-PFHxS (surr.)	1	%	96	85	95	101
13C8-PFOS (surr.)	1	%	84	79	84	84
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	78	77	78	100
13C2-6:2 FTSA (surr.)	1	%	72	88	66	108
13C2-8:2 FTSA (surr.)	1	%	90	89	92	85
13C2-10:2 FTSA (surr.)	1	%	92	95	104	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	64	< 50	55
TRH C10-C36 (Total)	50	mg/kg	< 50	64	< 50	55
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	62	56	72	124
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	62	56	72	124
Toluene-d8 (surr.)	1	%	68	63	84	121
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	128	116	103
p-Terphenyl-d14 (surr.)	1	%	99	128	115	101
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	103	141	126	107
Tetrachloro-m-xylene (surr.)	1	%	87	113	103	89
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	109	INT	129	119
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	128	116	103
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 1	< 1	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	0.7	< 0.5	< 0.5	1.3
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	98	125	113	103
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	103	93	79	96
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.0	11	11	14
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	25	22	25	39
Copper	5	mg/kg	42	40	36	27
Lead	5	mg/kg	20	24	21	38
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	27	22	21	11
Zinc	5	mg/kg	98	96	96	53
% Moisture	1	%	19	26	24	30
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	91	93	98	101
13C5-PFPeA (surr.)	1	%	113	97	98	98
13C5-PFHxA (surr.)	1	%	96	101	105	103
13C4-PFHpA (surr.)	1	%	91	87	87	92
13C8-PFOA (surr.)	1	%	91	98	100	95
13C5-PFNA (surr.)	1	%	98	87	98	108
13C6-PFDA (surr.)	1	%	114	96	107	108
13C2-PFUnDA (surr.)	1	%	110	100	106	105
13C2-PFDoDA (surr.)	1	%	124	119	128	121
13C2-PFTeDA (surr.)	1	%	127	133	121	98
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	90	86	92	95
D3-N-MeFOSA (surr.)	1	%	75	73	84	72
D5-N-EtFOSA (surr.)	1	%	84	73	81	75
D7-N-MeFOSE (surr.)	1	%	102	88	94	82
D9-N-EtFOSE (surr.)	1	%	102	96	92	87
D5-N-EtFOSAA (surr.)	1	%	60	85	89	90
D3-N-MeFOSAA (surr.)	1	%	58	79	85	88
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	108	108	109	113
18O2-PFHxS (surr.)	1	%	88	96	97	99
13C8-PFOS (surr.)	1	%	83	76	96	94

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Client Sample ID			AI_TP95_0.3	AI_TP117_0.1	AI_TP117_0.2	AI_TP111_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35238	S21-No35259	S21-No35260	S21-No35261
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	79	83	78	133
13C2-6:2 FTSA (surr.)	1	%	81	93	95	121
13C2-8:2 FTSA (surr.)	1	%	85	82	100	98
13C2-10:2 FTSA (surr.)	1	%	99	88	100	104
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	52	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	52	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	68	59	52	75

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Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	68	59	52	75
Toluene-d8 (surr.)	1	%	76	68	55	79
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	110	108	96
p-Terphenyl-d14 (surr.)	1	%	102	110	104	93
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	110	124	122	100
Tetrachloro-m-xylene (surr.)	1	%	89	97	92	83
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	109	125	122	102

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Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	110	108	96
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	1.0	2.4	2.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	98	111	108	93
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	111	106	116	94
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.8	13	14	9.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	24	27	26	23
Copper	5	mg/kg	27	20	32	13
Lead	5	mg/kg	28	27	20	24
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10	11	8.9	7.9
Zinc	5	mg/kg	38	47	43	24
% Moisture	1	%	17	21	17	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	98	96	97	94
13C5-PFPeA (surr.)	1	%	109	95	109	95
13C5-PFHxA (surr.)	1	%	100	100	107	95
13C4-PFHpA (surr.)	1	%	100	93	92	77
13C8-PFOA (surr.)	1	%	114	101	97	91
13C5-PFNA (surr.)	1	%	106	106	113	92
13C6-PFDA (surr.)	1	%	108	109	116	101
13C2-PFUnDA (surr.)	1	%	98	114	108	106
13C2-PFDoDA (surr.)	1	%	128	126	119	119
13C2-PFTeDA (surr.)	1	%	109	145	109	101

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Client Sample ID			AI_TP111_0.3	AI_TP112_0.1	AI_TP112_0.3	AI_TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35262	S21-No35263	S21-No35264	S21-No35265
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	92	95	89	92
D3-N-MeFOSA (surr.)	1	%	83	83	80	71
D5-N-EtFOSA (surr.)	1	%	82	77	80	76
D7-N-MeFOSE (surr.)	1	%	95	93	102	99
D9-N-EtFOSE (surr.)	1	%	89	103	91	85
D5-N-EtFOSAA (surr.)	1	%	80	86	59	83
D3-N-MeFOSAA (surr.)	1	%	84	80	55	71
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	129	107	108	108
18O2-PFHxS (surr.)	1	%	107	104	101	89
13C8-PFOS (surr.)	1	%	88	90	85	86
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	93	114	75	84
13C2-6:2 FTSA (surr.)	1	%	102	107	77	77
13C2-8:2 FTSA (surr.)	1	%	89	87	91	80
13C2-10:2 FTSA (surr.)	1	%	95	90	99	80
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	54
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	54
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	104	89	78	96
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	104	89	78	96
Toluene-d8 (surr.)	1	%	114	96	75	100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	117	112	73	127
p-Terphenyl-d14 (surr.)	1	%	116	124	73	133
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	124	134	62	137
Tetrachloro-m-xylene (surr.)	1	%	102	107	67	115
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	132	142	74	142
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	117	112	73	127
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	88
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	116	108	55	124
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	96	79	61	108
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	13	8.3	10
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	22	18	20
Copper	5	mg/kg	23	29	30	18
Lead	5	mg/kg	30	27	20	21
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10	17	19	16
Zinc	5	mg/kg	29	54	64	46
% Moisture	1	%	20	20	18	21
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	91	94	92	93
13C5-PFPeA (surr.)	1	%	101	97	103	103
13C5-PFHxA (surr.)	1	%	106	101	100	100
13C4-PFHpA (surr.)	1	%	89	86	101	82
13C8-PFOA (surr.)	1	%	102	91	100	89
13C5-PFNA (surr.)	1	%	101	95	105	98
13C6-PFDA (surr.)	1	%	113	107	113	99
13C2-PFUnDA (surr.)	1	%	101	113	107	106
13C2-PFDoDA (surr.)	1	%	117	112	123	118
13C2-PFTeDA (surr.)	1	%	107	119	104	106
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	96	101	92	91
D3-N-MeFOSA (surr.)	1	%	77	81	86	80
D5-N-EtFOSA (surr.)	1	%	88	86	86	85
D7-N-MeFOSE (surr.)	1	%	104	112	102	97
D9-N-EtFOSE (surr.)	1	%	94	102	96	91
D5-N-EtFOSAA (surr.)	1	%	72	68	74	80
D3-N-MeFOSAA (surr.)	1	%	64	72	67	71
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	110	111	111	121
18O2-PFHxS (surr.)	1	%	92	90	104	94
13C8-PFOS (surr.)	1	%	82	92	87	80

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Client Sample ID			AI_TP113_0.3	AI_TP126_0.1	AI_TP126_0.3	AI_TP122_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35266	S21-No35267	S21-No35268	S21-No35269
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	76	76	75	77
13C2-6:2 FTSA (surr.)	1	%	75	80	68	77
13C2-8:2 FTSA (surr.)	1	%	92	89	91	84
13C2-10:2 FTSA (surr.)	1	%	92	82	100	81
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	66
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	51
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	117
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	71	70	76	52

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Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	71	70	76	52
Toluene-d8 (surr.)	1	%	72	73	78	58
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	101	100	124	137
p-Terphenyl-d14 (surr.)	1	%	118	100	124	138
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	130	102	122	INT
Tetrachloro-m-xylene (surr.)	1	%	99	86	106	120
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	126	112	127	INT

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Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	101	100	124	137
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	51	91
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	97	95	120	131
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 2	< 2	< 2
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	101	87	123	127
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	21	10	9.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	26	31	26	32
Copper	5	mg/kg	21	45	33	25
Lead	5	mg/kg	16	35	21	25
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	18	29	15	24
Zinc	5	mg/kg	43	91	54	50
% Moisture	1	%	23	16	17	25
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	95	96	111	118
13C5-PFPeA (surr.)	1	%	102	113	115	122
13C5-PFHxA (surr.)	1	%	106	108	110	114
13C4-PFHpA (surr.)	1	%	92	91	99	102
13C8-PFOA (surr.)	1	%	99	99	121	128
13C5-PFNA (surr.)	1	%	104	107	137	144
13C6-PFDA (surr.)	1	%	106	103	135	139
13C2-PFUnDA (surr.)	1	%	109	114	128	133
13C2-PFDoDA (surr.)	1	%	131	125	138	134
13C2-PFTeDA (surr.)	1	%	106	110	98	97

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Client Sample ID			AI_TP122_0.3	AI_TP121_0.1	AI_TP121_0.3	AI_TP127_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No35270	S21-No35271	S21-No35272	S21-No35273
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	92	90	79	88
D3-N-MeFOSA (surr.)	1	%	84	85	112	109
D5-N-EtFOSA (surr.)	1	%	85	84	128	130
D7-N-MeFOSE (surr.)	1	%	105	106	101	100
D9-N-EtFOSE (surr.)	1	%	95	91	87	91
D5-N-EtFOSAA (surr.)	1	%	58	73	92	118
D3-N-MeFOSAA (surr.)	1	%	59	82	73	101
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	113	113	116	125
18O2-PFHxS (surr.)	1	%	97	102	125	124
13C8-PFOS (surr.)	1	%	86	78	120	124
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	76	80	102	126
13C2-6:2 FTSA (surr.)	1	%	80	81	105	116
13C2-8:2 FTSA (surr.)	1	%	90	96	101	111
13C2-10:2 FTSA (surr.)	1	%	104	87	98	96
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No35274	S21-No35275	S21-No35276
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	20	mg/kg	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	51	75	57
TRH C29-C36	50	mg/kg	< 50	75	75
TRH C10-C36 (Total)	50	mg/kg	51	150	132
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	140	120
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	140	120
BTEX					
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	64	73	66
Volatile Organics					
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No35274	S21-No35275	S21-No35276
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit			
Volatile Organics					
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	64	73	66
Toluene-d8 (surr.)	1	%	72	73	71
Polycyclic Aromatic Hydrocarbons					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No35274	S21-No35275	S21-No35276
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit			
Polycyclic Aromatic Hydrocarbons					
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	133	130
p-Terphenyl-d14 (surr.)	1	%	106	149	142
Organochlorine Pesticides					
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	0.06	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	121	131	122
Tetrachloro-m-xylene (surr.)	1	%	90	135	130
Organophosphorus Pesticides					
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No35274	S21-No35275	S21-No35276
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit			
Organophosphorus Pesticides					
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	121	147	136
Semivolatile Organics					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	133	130
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No35274	S21-No35275	S21-No35276
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	58	67	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No35274	S21-No35275	S21-No35276
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	103	128	134
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 2	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	92	116	101
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heavy Metals					
Arsenic	2	mg/kg	11	22	7.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	41	22	16
Copper	5	mg/kg	34	23	17
Lead	5	mg/kg	27	23	21
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	26	16	6.9
Zinc	5	mg/kg	65	42	36
% Moisture	1	%	23	22	20
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No35274	S21-No35275	S21-No35276
Date Sampled			Nov 08, 2021	Nov 08, 2021	Nov 08, 2021
Test/Reference	LOR	Unit			
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	107	93	94
13C5-PFPeA (surr.)	1	%	112	118	97
13C5-PFHxA (surr.)	1	%	102	105	108
13C4-PFHpA (surr.)	1	%	98	93	99
13C8-PFOA (surr.)	1	%	115	104	100
13C5-PFNA (surr.)	1	%	127	100	108
13C6-PFDA (surr.)	1	%	118	108	108
13C2-PFUnDA (surr.)	1	%	112	106	106
13C2-PFDoDA (surr.)	1	%	124	123	121
13C2-PFTeDA (surr.)	1	%	91	113	118
Perfluoroalkyl sulfonamido substances					
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	71	103	85
D3-N-MeFOSA (surr.)	1	%	102	74	74
D5-N-EtFOSA (surr.)	1	%	112	71	82
D7-N-MeFOSE (surr.)	1	%	87	89	99
D9-N-EtFOSE (surr.)	1	%	82	84	90
D5-N-EtFOSAA (surr.)	1	%	104	85	78
D3-N-MeFOSAA (surr.)	1	%	88	75	78
Perfluoroalkyl sulfonic acids (PFSAs)					
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	111	114	102
18O2-PFHxS (surr.)	1	%	112	101	89
13C8-PFOS (surr.)	1	%	104	92	100

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Client Sample ID			AI_TP127_0.3	AI_20211108_D01	AI_20211108_D02
Sample Matrix			**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No35274**	**S21-No35275**	**S21-No35276**
Date Sampled			**Nov 08, 2021**	**Nov 08, 2021**	**Nov 08, 2021**
Test/Reference	LOR	Unit			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	123	100	82
13C2-6:2 FTSA (surr.)	1	%	124	97	99
13C2-8:2 FTSA (surr.)	1	%	100	90	88
13C2-10:2 FTSA (surr.)	1	%	86	92	99
PFASs Summations					
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 19, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 19, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 19, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 19, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 19, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 19, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 19, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Nov 19, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 19, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 19, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 16, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Nov 18, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Nov 18, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Nov 19, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Nov 19, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	88			70-130	Pass	
TRH C10-C14	%	76			70-130	Pass	
Naphthalene	%	93			70-130	Pass	
TRH C6-C10	%	105			70-130	Pass	
TRH >C10-C16	%	73			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	116			70-130	Pass	
Toluene	%	115			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	114			70-130	Pass	
o-Xylene	%	113			70-130	Pass	
Xylenes - Total*	%	113			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	90			70-130	Pass	
1.1.1-Trichloroethane	%	86			70-130	Pass	
1.2-Dichlorobenzene	%	92			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	94			70-130	Pass	
Benzene	%	95			70-130	Pass	
Ethylbenzene	%	93			70-130	Pass	
m&p-Xylenes	%	97			70-130	Pass	
o-Xylene	%	96			70-130	Pass	
Toluene	%	94			70-130	Pass	
Trichloroethene	%	78			70-130	Pass	
Xylenes - Total*	%	97			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	76			70-130	Pass	
Acenaphthylene	%	80			70-130	Pass	
Anthracene	%	78			70-130	Pass	
Benz(a)anthracene	%	75			70-130	Pass	
Benzo(a)pyrene	%	75			70-130	Pass	
Benzo(b&j)fluoranthene	%	72			70-130	Pass	
Benzo(g.h.i)perylene	%	73			70-130	Pass	
Benzo(k)fluoranthene	%	84			70-130	Pass	
Chrysene	%	72			70-130	Pass	
Dibenz(a.h)anthracene	%	75			70-130	Pass	
Fluoranthene	%	76			70-130	Pass	
Fluorene	%	82			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	75			70-130	Pass	
Naphthalene	%	77			70-130	Pass	
Phenanthrene	%	75			70-130	Pass	
Pyrene	%	76			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	97			70-130	Pass	
4.4'-DDD	%	113			70-130	Pass	
4.4'-DDE	%	71			70-130	Pass	
4.4'-DDT	%	97			70-130	Pass	
a-HCH	%	74			70-130	Pass	
Aldrin	%	103			70-130	Pass	
b-HCH	%	78			70-130	Pass	
d-HCH	%	72			70-130	Pass	
Dieldrin	%	72			70-130	Pass	
Endosulfan I	%	71			70-130	Pass	
Endosulfan II	%	109			70-130	Pass	
Endosulfan sulphate	%	72			70-130	Pass	
Endrin	%	73			70-130	Pass	
Endrin aldehyde	%	119			70-130	Pass	
Endrin ketone	%	78			70-130	Pass	
g-HCH (Lindane)	%	73			70-130	Pass	
Heptachlor	%	93			70-130	Pass	
Heptachlor epoxide	%	97			70-130	Pass	
Hexachlorobenzene	%	71			70-130	Pass	
Methoxychlor	%	93			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	93			70-130	Pass	
Dimethoate	%	101			70-130	Pass	
Ethion	%	84			70-130	Pass	
Fenitrothion	%	85			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	%	105			70-130	Pass	
Mevinphos	%	70			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	113			25-140	Pass	
1.2.4-Trichlorobenzene	%	91			70-130	Pass	
1.3-Dichlorobenzene	%	97			70-130	Pass	
1.3.5-Trichlorobenzene	%	111			70-130	Pass	
1.4-Dichlorobenzene	%	81			70-130	Pass	
2-Chlorophenol	%	78			25-140	Pass	
2-Methylphenol (o-Cresol)	%	78			25-140	Pass	
2-Nitrophenol	%	113			25-140	Pass	
2.4-Dichlorophenol	%	86			25-140	Pass	
2.4-Dimethylphenol	%	83			25-140	Pass	
2.4-Dinitrophenol	%	112			25-140	Pass	
2.4-Dinitrotoluene	%	97			70-130	Pass	
2.4.5-Trichlorophenol	%	91			25-140	Pass	
2.4.6-Trichlorophenol	%	88			25-140	Pass	
2.6-Dichlorophenol	%	89			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	78			25-140	Pass	
4-Chloro-3-methylphenol	%	83			25-140	Pass	
4-Nitrophenol	%	94			25-140	Pass	
Acenaphthene	%	74			70-130	Pass	
Acenaphthylene	%	79			70-130	Pass	
Anthracene	%	74			70-130	Pass	
Benz(a)anthracene	%	74			70-130	Pass	
Benzo(a)pyrene	%	72			70-130	Pass	
Benzo(b&j)fluoranthene	%	98			70-130	Pass	
Benzo(g.h.i)perylene	%	71			70-130	Pass	
Benzo(k)fluoranthene	%	76			70-130	Pass	
Chrysene	%	71			70-130	Pass	
Dibenz(a.h)anthracene	%	97			70-130	Pass	
Endrin aldehyde	%	119			70-130	Pass	
Fluoranthene	%	96			70-130	Pass	
Fluorene	%	75			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	98			70-130	Pass	
N-Nitrosodipropylamine	%	85			70-130	Pass	
Naphthalene	%	77			70-130	Pass	
Pentachlorophenol	%	91			25-140	Pass	
Phenanthrene	%	73			70-130	Pass	
Phenol	%	110			25-140	Pass	
Pyrene	%	70			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	104			80-120	Pass	
Cadmium	%	88			80-120	Pass	
Chromium	%	110			80-120	Pass	
Copper	%	109			80-120	Pass	
Lead	%	102			80-120	Pass	
Mercury	%	105			80-120	Pass	
Nickel	%	112			80-120	Pass	
Zinc	%	99			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorobutanoic acid (PFBA)	%	98			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	92			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	102			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	113			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	90			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	83			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	94			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	90			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	96			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	79			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	103			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	90			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	114			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	109			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	95			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	95			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	111			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	99			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	87			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	122			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	84			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	85			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	119			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	110			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	111			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	123			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	104			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	95			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	98			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-De08272	NCP	%	82			70-130	Pass	
TRH >C10-C16	S21-De08272	NCP	%	80			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	W21-No45987	NCP	%	97			70-130	Pass	
1.1.1-Trichloroethane	S21-No54183	NCP	%	70			70-130	Pass	
1.2-Dichlorobenzene	W21-No45987	NCP	%	94			70-130	Pass	
1.2-Dichloroethane	S21-No54183	NCP	%	81			70-130	Pass	
Trichloroethene	W21-No45987	NCP	%	87			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	S21-De45862	NCP	%	110			30-130	Pass	
2.4-Dinitrophenol	S21-De45862	NCP	%	96			70-130	Pass	
2.4.5-Trichlorophenol	S21-De45862	NCP	%	114			30-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Pentachlorophenol	S21-De45862	NCP	%	100			30-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No35199	CP	%	99			70-130	Pass	
Pyrene	S21-No35199	CP	%	94			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No35199	CP	%	98			70-130	Pass	
4.4'-DDD	S21-No35199	CP	%	96			70-130	Pass	
4.4'-DDE	S21-No35199	CP	%	102			70-130	Pass	
4.4'-DDT	S21-No35199	CP	%	95			70-130	Pass	
a-HCH	S21-No35199	CP	%	105			70-130	Pass	
Aldrin	S21-No35199	CP	%	101			70-130	Pass	
b-HCH	S21-No35199	CP	%	110			70-130	Pass	
d-HCH	S21-No35199	CP	%	101			70-130	Pass	
Dieldrin	S21-No35199	CP	%	105			70-130	Pass	
Endosulfan I	S21-No35199	CP	%	101			70-130	Pass	
Endosulfan II	S21-No35199	CP	%	104			70-130	Pass	
Endosulfan sulphate	S21-No35199	CP	%	76			70-130	Pass	
Endrin	S21-No35199	CP	%	115			70-130	Pass	
Endrin aldehyde	S21-No35199	CP	%	72			70-130	Pass	
Endrin ketone	S21-No35199	CP	%	81			70-130	Pass	
g-HCH (Lindane)	S21-No35199	CP	%	107			70-130	Pass	
Heptachlor epoxide	S21-No35199	CP	%	98			70-130	Pass	
Hexachlorobenzene	S21-No35199	CP	%	102			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No35199	CP	%	95			70-130	Pass	
Dimethoate	S21-No35199	CP	%	103			70-130	Pass	
Ethion	S21-No35199	CP	%	130			70-130	Pass	
Fenitrothion	S21-No35199	CP	%	119			70-130	Pass	
Mevinphos	S21-No35199	CP	%	112			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Chlorophenol	S21-No35199	CP	%	97			30-130	Pass	
2-Methylphenol (o-Cresol)	S21-No35199	CP	%	93			30-130	Pass	
2.4-Dichlorophenol	S21-No35199	CP	%	106			30-130	Pass	
2.4-Dimethylphenol	S21-No35199	CP	%	93			30-130	Pass	
2.4.6-Trichlorophenol	S21-No35199	CP	%	87			30-130	Pass	
2.6-Dichlorophenol	S21-No35199	CP	%	107			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No35199	CP	%	98			30-130	Pass	
4-Chloro-3-methylphenol	S21-No35199	CP	%	105			30-130	Pass	
4-Nitrophenol	S21-No35199	CP	%	125			30-130	Pass	
Phenol	S21-No35199	CP	%	84			30-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No35200	CP	%	89			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No35200	CP	%	83			70-130	Pass	
Toluene	S21-No35200	CP	%	101			70-130	Pass	
Ethylbenzene	S21-No35200	CP	%	97			70-130	Pass	
m&p-Xylenes	S21-No35200	CP	%	100			70-130	Pass	
o-Xylene	S21-No35200	CP	%	103			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Xylenes - Total*	S21-No35200	CP	%	101			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No35200	CP	%	94			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35200	CP	%	88			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35200	CP	%	92			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35200	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35200	CP	%	92			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No35200	CP	%	93			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35200	CP	%	95			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35200	CP	%	92			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35200	CP	%	102			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35200	CP	%	142			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35200	CP	%	93			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No35200	CP	%	103			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35200	CP	%	103			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35200	CP	%	100			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35200	CP	%	101			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35200	CP	%	103			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35200	CP	%	95			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35200	CP	%	92			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No35200	CP	%	98			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35200	CP	%	97			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35200	CP	%	106			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35200	CP	%	89			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35200	CP	%	95			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35200	CP	%	102			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35200	CP	%	95			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35200	CP	%	96			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35200	CP	%	100			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35200	CP	%	90			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35200	CP	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35200	CP	%	113			50-150	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No35204	CP	%	112			70-130	Pass	
Pyrene	S21-No35204	CP	%	102			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
1.2.4-Trichlorobenzene	S21-No35204	CP	%	107			70-130	Pass	
1.4-Dichlorobenzene	S21-No35204	CP	%	103			70-130	Pass	
2.4-Dinitrotoluene	S21-No35204	CP	%	103			70-130	Pass	
N-Nitrosodipropylamine	S21-No35204	CP	%	104			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthylene	M21-De38936	NCP	%	84			70-130	Pass	
Anthracene	S21-De45675	NCP	%	72			70-130	Pass	
Benz(a)anthracene	S21-De41096	NCP	%	92			70-130	Pass	
Benzo(a)pyrene	S21-De41096	NCP	%	121			70-130	Pass	
Benzo(b&j)fluoranthene	M21-De38936	NCP	%	79			70-130	Pass	
Benzo(g.h.i)perylene	S21-De41096	NCP	%	90			70-130	Pass	
Benzo(k)fluoranthene	S21-De45675	NCP	%	71			70-130	Pass	
Chrysene	S21-De45675	NCP	%	72			70-130	Pass	
Dibenz(a.h)anthracene	S21-De41096	NCP	%	98			70-130	Pass	
Fluoranthene	M21-De38936	NCP	%	91			70-130	Pass	
Fluorene	S21-De45675	NCP	%	85			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M21-De38936	NCP	%	73			70-130	Pass	
Naphthalene	S21-De45675	NCP	%	79			70-130	Pass	
Phenanthrene	S21-De45675	NCP	%	79			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No35210	CP	%	100			75-125	Pass	
Cadmium	S21-No35210	CP	%	85			75-125	Pass	
Chromium	S21-No35210	CP	%	109			75-125	Pass	
Copper	S21-No35210	CP	%	116			75-125	Pass	
Lead	S21-No35210	CP	%	110			75-125	Pass	
Mercury	S21-No35210	CP	%	98			75-125	Pass	
Nickel	S21-No35210	CP	%	112			75-125	Pass	
Zinc	S21-No35210	CP	%	116			75-125	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No35214	CP	%	90			70-130	Pass	
4.4'-DDD	S21-No35214	CP	%	94			70-130	Pass	
4.4'-DDE	S21-No35214	CP	%	94			70-130	Pass	
4.4'-DDT	S21-No35214	CP	%	85			70-130	Pass	
a-HCH	S21-No35214	CP	%	97			70-130	Pass	
Aldrin	S21-No35214	CP	%	90			70-130	Pass	
b-HCH	S21-No35214	CP	%	102			70-130	Pass	
d-HCH	S21-No35214	CP	%	95			70-130	Pass	
Dieldrin	S21-No35214	CP	%	99			70-130	Pass	
Endosulfan I	S21-No35214	CP	%	100			70-130	Pass	
Endosulfan II	S21-No35214	CP	%	99			70-130	Pass	
Endosulfan sulphate	S21-No35214	CP	%	70			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	S21-No35214	CP	%	100			70-130	Pass	
Endrin ketone	S21-No35214	CP	%	73			70-130	Pass	
g-HCH (Lindane)	S21-No35214	CP	%	93			70-130	Pass	
Heptachlor	S21-No35214	CP	%	122			70-130	Pass	
Heptachlor epoxide	S21-No35214	CP	%	90			70-130	Pass	
Hexachlorobenzene	S21-No35214	CP	%	92			70-130	Pass	
Methoxychlor	S21-No35214	CP	%	130			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No35214	CP	%	71			70-130	Pass	
Dimethoate	S21-No35214	CP	%	75			70-130	Pass	
Ethion	S21-No35214	CP	%	100			70-130	Pass	
Fenitrothion	S21-No35214	CP	%	91			70-130	Pass	
Methyl parathion	S21-No35214	CP	%	104			70-130	Pass	
Mevinphos	S21-No35214	CP	%	84			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No35216	CP	%	93			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35216	CP	%	88			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35216	CP	%	96			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35216	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35216	CP	%	94			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No35216	CP	%	93			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35216	CP	%	95			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35216	CP	%	100			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35216	CP	%	100			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35216	CP	%	141			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35216	CP	%	96			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No35216	CP	%	101			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35216	CP	%	103			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35216	CP	%	99			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35216	CP	%	103			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35216	CP	%	116			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35216	CP	%	96			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35216	CP	%	86			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No35216	CP	%	96			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35216	CP	%	90			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35216	CP	%	107			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35216	CP	%	88			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanesulfonic acid (PFHxS)	S21-No35216	CP	%	99			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35216	CP	%	106			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35216	CP	%	93			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35216	CP	%	91			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35216	CP	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35216	CP	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35216	CP	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35216	CP	%	102			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No35222	CP	%	78			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No35222	CP	%	77			70-130	Pass	
Toluene	S21-No35222	CP	%	86			70-130	Pass	
Ethylbenzene	S21-No35222	CP	%	88			70-130	Pass	
m&p-Xylenes	S21-No35222	CP	%	84			70-130	Pass	
o-Xylene	S21-No35222	CP	%	84			70-130	Pass	
Xylenes - Total*	S21-No35222	CP	%	84			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No35223	CP	%	97			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35223	CP	%	89			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35223	CP	%	102			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35223	CP	%	109			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35223	CP	%	108			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No35223	CP	%	87			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35223	CP	%	97			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35223	CP	%	117			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35223	CP	%	100			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35223	CP	%	80			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35223	CP	%	104			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No35223	CP	%	113			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35223	CP	%	114			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35223	CP	%	104			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35223	CP	%	102			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35223	CP	%	100			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35223	CP	%	101			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35223	CP	%	101			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No35223	CP	%	84			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35223	CP	%	127			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35223	CP	%	87			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35223	CP	%	86			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35223	CP	%	115			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35223	CP	%	112			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35223	CP	%	101			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35223	CP	%	126			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35223	CP	%	100			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35223	CP	%	102			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35223	CP	%	101			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35223	CP	%	86			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No35225	CP	%	99			75-125	Pass	
Cadmium	S21-No35225	CP	%	102			75-125	Pass	
Chromium	S21-No35225	CP	%	102			75-125	Pass	
Copper	S21-No35225	CP	%	100			75-125	Pass	
Lead	S21-No35225	CP	%	106			75-125	Pass	
Mercury	S21-No35225	CP	%	110			75-125	Pass	
Nickel	S21-No35225	CP	%	100			75-125	Pass	
Zinc	S21-No35225	CP	%	107			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No35229	CP	%	110			70-130	Pass	
Pyrene	S21-No35229	CP	%	105			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No35229	CP	%	91			70-130	Pass	
4.4'-DDD	S21-No35229	CP	%	91			70-130	Pass	
4.4'-DDE	S21-No35229	CP	%	96			70-130	Pass	
4.4'-DDT	S21-No35229	CP	%	82			70-130	Pass	
a-HCH	S21-No35229	CP	%	96			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Aldrin	S21-No35229	CP	%	91			70-130	Pass	
b-HCH	S21-No35229	CP	%	102			70-130	Pass	
d-HCH	S21-No35229	CP	%	96			70-130	Pass	
Dieldrin	S21-No35229	CP	%	96			70-130	Pass	
Endosulfan I	S21-No35229	CP	%	95			70-130	Pass	
Endosulfan II	S21-No35229	CP	%	95			70-130	Pass	
Endosulfan sulphate	S21-No35229	CP	%	70			70-130	Pass	
Endrin	S21-No35229	CP	%	107			70-130	Pass	
Endrin ketone	S21-No35229	CP	%	72			70-130	Pass	
g-HCH (Lindane)	S21-No35229	CP	%	93			70-130	Pass	
Heptachlor	S21-No35229	CP	%	116			70-130	Pass	
Heptachlor epoxide	S21-No35229	CP	%	92			70-130	Pass	
Hexachlorobenzene	S21-No35229	CP	%	91			70-130	Pass	
Methoxychlor	S21-No35229	CP	%	124			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No35229	CP	%	76			70-130	Pass	
Dimethoate	S21-No35229	CP	%	86			70-130	Pass	
Ethion	S21-No35229	CP	%	94			70-130	Pass	
Fenitrothion	S21-No35229	CP	%	89			70-130	Pass	
Methyl parathion	S21-No35229	CP	%	104			70-130	Pass	
Mevinphos	S21-No35229	CP	%	87			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-No35229	CP	%	107			30-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No35235	CP	%	109			70-130	Pass	
Pyrene	S21-No35235	CP	%	104			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No35235	CP	%	91			70-130	Pass	
4.4'-DDD	S21-No35235	CP	%	90			70-130	Pass	
4.4'-DDE	S21-No35235	CP	%	93			70-130	Pass	
4.4'-DDT	S21-No35235	CP	%	81			70-130	Pass	
a-HCH	S21-No35235	CP	%	95			70-130	Pass	
Aldrin	S21-No35235	CP	%	88			70-130	Pass	
b-HCH	S21-No35235	CP	%	102			70-130	Pass	
d-HCH	S21-No35235	CP	%	91			70-130	Pass	
Dieldrin	S21-No35235	CP	%	96			70-130	Pass	
Endosulfan I	S21-No35235	CP	%	96			70-130	Pass	
Endosulfan II	S21-No35235	CP	%	93			70-130	Pass	
Endrin	S21-No35235	CP	%	106			70-130	Pass	
g-HCH (Lindane)	S21-No35235	CP	%	95			70-130	Pass	
Heptachlor	S21-No35235	CP	%	121			70-130	Pass	
Heptachlor epoxide	S21-No35235	CP	%	92			70-130	Pass	
Hexachlorobenzene	S21-No35235	CP	%	93			70-130	Pass	
Methoxychlor	S21-No35235	CP	%	122			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No35235	CP	%	72			70-130	Pass	
Dimethoate	S21-No35235	CP	%	88			70-130	Pass	
Ethion	S21-No35235	CP	%	91			70-130	Pass	
Fenitrothion	S21-No35235	CP	%	86			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	S21-No35235	CP	%	100			70-130	Pass	
Mevinphos	S21-No35235	CP	%	85			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
4-Chloro-3-methylphenol	S21-No35235	CP	%	106			30-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No35237	CP	%	92			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35237	CP	%	82			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35237	CP	%	100			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35237	CP	%	116			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35237	CP	%	103			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No35237	CP	%	90			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35237	CP	%	107			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35237	CP	%	103			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35237	CP	%	94			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35237	CP	%	84			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35237	CP	%	101			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No35237	CP	%	96			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35237	CP	%	93			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35237	CP	%	99			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35237	CP	%	85			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35237	CP	%	77			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35237	CP	%	88			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35237	CP	%	112			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No35237	CP	%	82			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35237	CP	%	117			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35237	CP	%	80			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35237	CP	%	79			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35237	CP	%	120			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35237	CP	%	111			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35237	CP	%	110			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35237	CP	%	126			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35237	CP	%	85			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35237	CP	%	96			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35237	CP	%	87			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35237	CP	%	95			50-150	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-No35260	CP	%	109			70-130	Pass	
Pyrene	S21-No35260	CP	%	96			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-No35260	CP	%	92			70-130	Pass	
4.4'-DDD	S21-No35260	CP	%	93			70-130	Pass	
4.4'-DDE	S21-No35260	CP	%	91			70-130	Pass	
4.4'-DDT	S21-No35260	CP	%	94			70-130	Pass	
a-HCH	S21-No35260	CP	%	99			70-130	Pass	
Aldrin	S21-No35260	CP	%	89			70-130	Pass	
b-HCH	S21-No35260	CP	%	103			70-130	Pass	
d-HCH	S21-No35260	CP	%	93			70-130	Pass	
Dieldrin	S21-No35260	CP	%	97			70-130	Pass	
Endosulfan I	S21-No35260	CP	%	94			70-130	Pass	
Endosulfan II	S21-No35260	CP	%	99			70-130	Pass	
Endosulfan sulphate	S21-No35260	CP	%	70			70-130	Pass	
Endrin	S21-No35260	CP	%	108			70-130	Pass	
Endrin ketone	S21-No35260	CP	%	75			70-130	Pass	
g-HCH (Lindane)	S21-No35260	CP	%	100			70-130	Pass	
Heptachlor	S21-No35260	CP	%	126			70-130	Pass	
Heptachlor epoxide	S21-No35260	CP	%	88			70-130	Pass	
Hexachlorobenzene	S21-No35260	CP	%	93			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-No35260	CP	%	77			70-130	Pass	
Dimethoate	S21-No35260	CP	%	89			70-130	Pass	
Ethion	S21-No35260	CP	%	104			70-130	Pass	
Fenitrothion	S21-No35260	CP	%	88			70-130	Pass	
Methyl parathion	S21-No35260	CP	%	108			70-130	Pass	
Mevinphos	S21-No35260	CP	%	84			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No35263	CP	%	78			70-130	Pass	
Naphthalene	S21-No35263	CP	%	71			70-130	Pass	
TRH C6-C10	S21-No35263	CP	%	75			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No35263	CP	%	74			70-130	Pass	
Toluene	S21-No35263	CP	%	84			70-130	Pass	
Ethylbenzene	S21-No35263	CP	%	83			70-130	Pass	
m&p-Xylenes	S21-No35263	CP	%	82			70-130	Pass	
o-Xylene	S21-No35263	CP	%	86			70-130	Pass	
Xylenes - Total*	S21-No35263	CP	%	83			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No35271	CP	%	103			75-125	Pass	
Cadmium	S21-No35271	CP	%	116			75-125	Pass	
Chromium	S21-No35271	CP	%	111			75-125	Pass	
Copper	S21-No35271	CP	%	94			75-125	Pass	
Lead	S21-No35271	CP	%	107			75-125	Pass	
Mercury	S21-No35271	CP	%	112			75-125	Pass	
Nickel	S21-No35271	CP	%	109			75-125	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No35198	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No35198	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No35198	CP	mg/kg	58	55	7.0	30%	Pass	
TRH >C10-C16	S21-No35198	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No35198	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No35198	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No35198	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Heptachlor	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No35198	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No35198	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No35198	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No35198	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No35198	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.4-Dichlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No35198	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dichlorophenol	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No35198	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No35198	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No35198	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Acetophenone	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No35198	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Heptachlor	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No35198	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No35198	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No33659	NCP	%	6.5	5.5	17	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No35199	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No35199	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No35199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No35199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No35199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No35199	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No35199	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No35199	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
4-Methyl-2-pentanone (MIBK)	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No35199	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No35203	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No35203	CP	mg/kg	62	59	6.0	30%	Pass	
TRH C29-C36	S21-No35203	CP	mg/kg	86	88	1.0	30%	Pass	
TRH >C10-C16	S21-No35203	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No35203	CP	mg/kg	110	110	3.0	30%	Pass	
TRH >C34-C40	S21-No35203	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No35203	CP	mg/kg	1.0	1.2	14	30%	Pass	
4.4'-DDD	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No35203	CP	mg/kg	0.33	0.36	7.0	30%	Pass	
Endosulfan I	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No35203	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No35203	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No35203	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No35203	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tetrachlorvinphos	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No35203	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No35203	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dichlorophenol	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No35203	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No35203	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No35203	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Acetophenone	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No35203	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Di-n-butyl phthalate	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No35203	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No35203	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No35208	CP	mg/kg	14	11	17	30%	Pass	
Cadmium	S21-No35208	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No35208	CP	mg/kg	36	23	45	30%	Fail	Q15
Copper	S21-No35208	CP	mg/kg	25	28	12	30%	Pass	
Lead	S21-No35208	CP	mg/kg	16	15	8.0	30%	Pass	
Mercury	S21-No35208	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No35208	CP	mg/kg	12	14	19	30%	Pass	
Zinc	S21-No35208	CP	mg/kg	39	39	1.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No35211	CP	mg/kg	8.8	6.0	39	30%	Fail	Q15
Cadmium	S21-No35211	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No35211	CP	mg/kg	25	19	28	30%	Pass	
Copper	S21-No35211	CP	mg/kg	26	21	22	30%	Pass	
Lead	S21-No35211	CP	mg/kg	18	14	23	30%	Pass	
Mercury	S21-No35211	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No35211	CP	mg/kg	17	13	22	30%	Pass	
Zinc	S21-No35211	CP	mg/kg	39	32	17	30%	Pass	

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Duplicate								
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD		
Perfluorobutanoic acid (PFBA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanoic acid (PFPeA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanoic acid (PFHxA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanoic acid (PFHpA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanoic acid (PFOA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanoic acid (PFNA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanoic acid (PFDA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroundecanoic acid (PFUnDA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorododecanoic acid (PFDoDA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotridecanoic acid (PFTrDA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotetradecanoic acid (PFTeDA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD		
Perfluorooctane sulfonamide (FOSA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35213	CP	ug/kg	< 10	< 10	<1	30%	Pass
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35213	CP	ug/kg	< 10	< 10	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD		
Perfluorobutanesulfonic acid (PFBS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanesulfonic acid (PFNS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropropanesulfonic acid (PFPrS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanesulfonic acid (PFPeS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanesulfonic acid (PFHxS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanesulfonic acid (PFOS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanesulfonic acid (PFDS)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD		
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35213	CP	ug/kg	< 10	< 10	<1	30%	Pass
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35213	CP	ug/kg	< 5	< 5	<1	30%	Pass

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Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No35219	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No35219	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No35219	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No35219	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No35219	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No35219	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No35219	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No35219	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Tetrachloroethene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No35219	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No35221	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No35221	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No35221	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No35221	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No35221	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No35221	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No35221	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No35221	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
cis-1.3-Dichloropropene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No35221	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No35223	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No35223	CP	mg/kg	< 50	61	21	30%	Pass	
TRH C29-C36	S21-No35223	CP	mg/kg	72	72	<1	30%	Pass	
TRH >C10-C16	S21-No35223	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No35223	CP	mg/kg	110	110	8.0	30%	Pass	
TRH >C34-C40	S21-No35223	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No35223	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Endrin	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No35223	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No35223	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No35223	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No35223	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No35223	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.2.4-Trichlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No35223	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No35223	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No35223	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No35223	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No35223	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endrin	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No35223	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No35223	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No35223	CP	mg/kg	11	8.6	25	30%	Pass	
Cadmium	S21-No35223	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No35223	CP	mg/kg	27	19	35	30%	Fail	Q15
Copper	S21-No35223	CP	mg/kg	24	21	15	30%	Pass	
Lead	S21-No35223	CP	mg/kg	29	25	15	30%	Pass	
Mercury	S21-No35223	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No35223	CP	mg/kg	17	15	14	30%	Pass	
Zinc	S21-No35223	CP	mg/kg	62	47	28	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No35226	CP	mg/kg	11	9.7	16	30%	Pass	
Cadmium	S21-No35226	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No35226	CP	mg/kg	25	23	8.0	30%	Pass	
Copper	S21-No35226	CP	mg/kg	35	42	17	30%	Pass	
Lead	S21-No35226	CP	mg/kg	26	18	35	30%	Fail	Q15
Mercury	S21-No35226	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No35226	CP	mg/kg	15	16	9.0	30%	Pass	
Zinc	S21-No35226	CP	mg/kg	52	71	32	30%	Fail	Q15
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Fluorene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No35228	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No35228	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No35228	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No35228	CP	mg/kg	< 2	< 2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Naled	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No35228	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No35228	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No35228	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No35228	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No35228	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No35228	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Aldrin	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No35228	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No35228	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No35228	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No35229	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No35229	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No35229	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No35229	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No35229	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No35229	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No35229	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No35229	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No35229	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorononanoic acid (PFNA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35229	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35229	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35229	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35229	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35230	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35230	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35230	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35230	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35236	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35236	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35236	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35236	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No35237	CP	mg/kg	7.3	10	33	30%	Fail	Q15
Cadmium	S21-No35237	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No35237	CP	mg/kg	16	28	57	30%	Fail	Q15
Copper	S21-No35237	CP	mg/kg	20	25	20	30%	Pass	
Lead	S21-No35237	CP	mg/kg	23	30	27	30%	Pass	
Mercury	S21-No35237	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No35237	CP	mg/kg	14	17	21	30%	Pass	
Zinc	S21-No35237	CP	mg/kg	50	62	21	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35265	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35265	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35265	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35265	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No35270	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No35270	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No35270	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No35270	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No35270	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No35270	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No35270	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No35270	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Chloroform	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No35270	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No35274	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No35274	CP	mg/kg	51	56	10	30%	Pass	
TRH C29-C36	S21-No35274	CP	mg/kg	< 50	50	8.0	30%	Pass	
TRH >C10-C16	S21-No35274	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No35274	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No35274	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No35274	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Endosulfan I	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No35274	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No35274	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No35274	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No35274	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No35274	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.2.3-Trichlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No35274	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No35274	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No35274	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No35274	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No35274	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endosulfan I	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No35274	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No35274	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phenol	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No35274	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No35274	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No35274	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No35274	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No35274	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No35275	CP	mg/kg	22	17	28	30%	Pass	
Cadmium	S21-No35275	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No35275	CP	mg/kg	22	21	6.0	30%	Pass	
Copper	S21-No35275	CP	mg/kg	23	25	9.0	30%	Pass	
Lead	S21-No35275	CP	mg/kg	23	24	1.0	30%	Pass	
Mercury	S21-No35275	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No35275	CP	mg/kg	16	19	17	30%	Pass	
Zinc	S21-No35275	CP	mg/kg	42	40	5.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No35276	CP	mg/kg	7.4	12	46	30%	Fail	Q15
Cadmium	S21-No35276	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No35276	CP	mg/kg	16	25	45	30%	Fail	Q15
Copper	S21-No35276	CP	mg/kg	17	21	22	30%	Pass	
Lead	S21-No35276	CP	mg/kg	21	25	18	30%	Pass	
Mercury	S21-No35276	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No35276	CP	mg/kg	6.9	12	53	30%	Fail	Q15
Zinc	S21-No35276	CP	mg/kg	36	45	23	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **841164-W-V2**
Project name BRADFIELD CITY CENTRE
Project ID 0571466
Received Date Nov 11, 2021

Client Sample ID			**AI_TS**	**AI_TB**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S21-No35278**	**S21-No35279**
Date Sampled			**Nov 08, 2021**	**Nov 08, 2021**
Test/Reference	LOR	Unit		
BTEX				
Benzene	0.001	mg/L	92	< 0.001
Toluene	0.001	mg/L	83	< 0.001
Ethylbenzene	0.001	mg/L	77	< 0.001
m&p-Xylenes	0.002	mg/L	78	< 0.002
o-Xylene	0.001	mg/L	89	< 0.001
Xylenes - Total*	0.003	mg/L	82	< 0.003
4-Bromofluorobenzene (surr.)	1	%	98	96

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Nov 16, 2021	14 Days

- Method: LTM-ORG-2010 TRH C6-C40

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Quality Control Results

Test	Lab Sample ID	QA Source	Units	Result 1	Result 2	RPD	Acceptance Limits	Pass Limits	Qualifying Code
Method Blank									
BTEX									
Benzene			mg/L	< 0.001			0.001	Pass	
Toluene			mg/L	< 0.001			0.001	Pass	
Ethylbenzene			mg/L	< 0.001			0.001	Pass	
m&p-Xylenes			mg/L	< 0.002			0.002	Pass	
o-Xylene			mg/L	< 0.001			0.001	Pass	
Xylenes - Total*			mg/L	< 0.003			0.003	Pass	
LCS - % Recovery									
BTEX									
Benzene			%	95			70-130	Pass	
Toluene			%	99			70-130	Pass	
Ethylbenzene			%	98			70-130	Pass	
m&p-Xylenes			%	101			70-130	Pass	
o-Xylene			%	98			70-130	Pass	
Xylenes - Total*			%	100			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No32636	NCP	%	95			70-130	Pass	
Toluene	S21-No32636	NCP	%	99			70-130	Pass	
Ethylbenzene	S21-No32636	NCP	%	99			70-130	Pass	
m&p-Xylenes	S21-No32636	NCP	%	102			70-130	Pass	
o-Xylene	S21-No32636	NCP	%	100			70-130	Pass	
Xylenes - Total*	S21-No32636	NCP	%	101			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No34566	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S21-No34566	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S21-No34566	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S21-No34566	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S21-No34566	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S21-No34566	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

John Nguyen	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses Where matrix are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	TP96_0.1			X			
2	TP96_0.3				X		
3	TP85_0.3			X			
4	TP84_0.1			X			
5	TP84_0.3				X		
6	TP83_0.1			X			
7	TP83_0.3				X		
8	TP82_0.1			X			
9	TP82_0.3				X		
10	20211116_D01				X		
	Total Counts						

Containers Change container type & size if necessary.

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

Required Turnaround Time (TAT) Default will be 5 days if not ticked

♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP

Method of Shipment	☐ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JE	Signature	Date 16/11/21	Time 11:00
Laboratory Use Only	Received By RPhillips	SYD | BNE | MEL | PER | ADL | NTL | DRW		Signature		Date 16/11/21	Time 1:04pm	Temperature 12.1C
	Received By	SYD | BNE | MEL | PER | ADL | NTL | DRW		Signature	M.H	Date	Time 1106pm	Report № # 842812

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EDoIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP89_0.3	25.11.21	S		X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP107_0.1			X												**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP107_0.3				X											
4	TP109_0.1			X												
5	TP109_0.3				X											
6	TP110_0.1			X												
7	TP110_0.3				X											
8	TP99_0.3				X											
9	TP100_0.1			X												
10	TP100_0.3				X											
	Total Counts															

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only

Received By	RP	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	16/11/21	Time	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time 1106 pm	Report № # 842812

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
5 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EDUS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE codes must be used to ensure SUITE pricing)

Containers (Change container type & size if necessary.)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked.)

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP101_0.1			X												*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP101_0.3				X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP92_0.3			X												
4	TP92_0.5				X											
5	TP91_0.1			X												
6	TP91_0.3				X											
7	TP90_0.1			X												
8	TP90_0.3				X											
9	20211115_D01				X											
10	20211115_D02				X											
	Total Counts															

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only

Received By	RP	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	16/11/21	Time 1:06 pm	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	Report № #842812

Eurofins Environment Testing Australia Pty Ltd

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Esdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where no/too few requested, please specify "Total" or "Filtered". SUITE code must be used to ensure full SUITE tested.

Containers — Change container type & size if necessary

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	20211115_D03	15.11.21	S				X									*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TS/TB		↓			X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	20211115_R01		W		X											
4	20211115_T01		S		X											Please send to ALS
5	20211115_T02		↓		X											↓
6	20211115_T03		↓				X									
7																
8																
9																
10																
	Total Counts															

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal Name Signature Date Time

Laboratory Use Only										
Received By	RPhillips	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	16/11/21	Time	1106 pm	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	#842812

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses Where metals are requested, please specify "Total" or "Filtered". 3SUITE picks must be placed in all three SUITE pricing

Containers Change container type & size if necessary

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	20211116_T01	16/11/21			X					Send to ALS						*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP **Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TS/TB	↓				X										
3																
4																
5																
6																
7																
8																
9																
10																
	Total Counts															

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only										
Received By	RPbillings	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	16/11/21	Time	1.04pm	Temperature	12.1°C
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	

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0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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www.eurofins.com.au EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
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Melbourne
6 Monterey Road
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NATA # 1261 Site # 1254

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Perth
46-48 Banksia Road
Welshpool WA 6106
Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

Auckland
35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	BRADFIELD CITY CENTER
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Nov 16, 2021 1:06 PM
Eurofins reference	842812

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Samples jar & PFAS-tub (20211115_T01) & (20211116-T01) is forwarded to ALS.
samples not received and analyses cancelled are:
#Water: (20211115_R01)
#soil: Trip spike/ Trip blank. Samples received and logged for hold are:
#water: Trip spike/ Trip Blank

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
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Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTER
Project ID: 0571466

Order No.:
Report #: 842812
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 16, 2021 1:06 PM
Due: Nov 23, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail	% Moisture	Asbestos - AS4964	CANCELLED	HOLD	Suite B14: OCP/OPP	Moisture Set	Moisture Set	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254										
Sydney Laboratory - NATA # 1261 Site # 18217	X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794						X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079										
Perth Laboratory - NATA # 2377 Site # 2370										
External Laboratory										

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID									
1	AI_TP96_0.1	Nov 15, 2021		Soil	S21-No48441		X					X	X	X	X
2	AI_TP85_0.3	Nov 15, 2021		Soil	S21-No48442		X					X	X	X	X
3	AI_TP84_0.1	Nov 15, 2021		Soil	S21-No48443		X					X	X	X	X
4	AI_TP83_0.1	Nov 15, 2021		Soil	S21-No48444		X					X	X	X	X
5	AI_TP82_0.1	Nov 15, 2021		Soil	S21-No48445		X					X	X	X	X
6	AI_TP107_0.1	Nov 15, 2021		Soil	S21-No48446		X					X	X	X	X
7	AI_TP109_0.1	Nov 15, 2021		Soil	S21-No48447		X					X	X	X	X
8	AI_TP110_0.1	Nov 15, 2021		Soil	S21-No48448		X					X	X	X	X
9	AI_TP100_0.1	Nov 15, 2021		Soil	S21-No48449		X					X	X	X	X

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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IANZ # 1327

Christchurch
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Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTER
Project ID: 0571466

Order No.:
Report #: 842812
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 16, 2021 1:06 PM
Due: Nov 23, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						% Moisture	Asbestos - AS4964	CANCELLED	HOLD	Suite B14: OCP/OPP	Moisture Set	Moisture Set	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
10	AI_TP101_0.1	Nov 15, 2021		Soil	S21-No48450		X					X	X	X	X
11	AI_TP92_0.3	Nov 15, 2021		Soil	S21-No48451		X					X	X	X	X
12	AI_TP91_0.1	Nov 15, 2021		Soil	S21-No48452		X					X	X	X	X
13	AI_TP90_0.1	Nov 15, 2021		Soil	S21-No48453		X					X	X	X	X
14	AI_TP96_0.3	Nov 15, 2021		Soil	S21-No48454					X		X	X	X	X
15	AI_TP84_0.3	Nov 15, 2021		Soil	S21-No48455					X		X	X	X	X
16	AI_TP83_0.3	Nov 15, 2021		Soil	S21-No48456					X		X	X	X	X
17	AI_TP82_0.3	Nov 15, 2021		Soil	S21-No48457					X		X	X	X	X
18	AI_20211116-D01	Nov 15, 2021		Soil	S21-No48458					X		X	X	X	X
19	AI_TP89_0.3	Nov 15, 2021		Soil	S21-No48459					X		X	X	X	X

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email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
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Company Name: ERM Sydney
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Project Name: BRADFIELD CITY CENTER
Project ID: 0571466

Order No.:
Report #: 842812
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 16, 2021 1:06 PM
Due: Nov 23, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						% Moisture	Asbestos - AS4964	CANCELLED	HOLD	Suite B14: OCP/OPP	Moisture Set	Moisture Set	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
20	AI_TP107_0.3	Nov 15, 2021		Soil	S21-No48460					X		X	X	X	X
21	AI_TP109_0.3	Nov 15, 2021		Soil	S21-No48461					X		X	X	X	X
22	AI_TP110_0.3	Nov 15, 2021		Soil	S21-No48462					X		X	X	X	X
23	AI_TP99_0.3	Nov 15, 2021		Soil	S21-No48463					X		X	X	X	X
24	AI_TP100_0.3	Nov 15, 2021		Soil	S21-No48464					X		X	X	X	X
25	AI_TP101_0.3	Nov 15, 2021		Soil	S21-No48465					X		X	X	X	X
26	AI_TP92_0.5	Nov 15, 2021		Soil	S21-No48466					X		X	X	X	X
27	AI_TP91_0.3	Nov 15, 2021		Soil	S21-No48467					X		X	X	X	X
28	AI_TP90_0.3	Nov 15, 2021		Soil	S21-No48468					X		X	X	X	X
29	AI_20211115_D01	Nov 15, 2021		Soil	S21-No48469					X		X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
30	AI_20211115_D02	Nov 15, 2021		Soil	S21-No48470					X		X	X	X	X
31	AI_20211115_D03	Nov 15, 2021		Soil	S21-No48471						X				X
32	AI_20211115_R01	Nov 15, 2021		Water	S21-No48472			X							
33	AI_20211115_T02	Nov 15, 2021		Soil	S21-No48473					X		X	X	X	X
34	AI_20211115_T03	Nov 15, 2021		Soil	S21-No48474						X				X
35	AI_TRIP SPIKE	Nov 15, 2021		Soil	S21-No48475			X							
36	AI_TRIP	Nov 15, 2021		Soil	S21-No48476			X							

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
36	AI_TRIP SPIKE LAB	Nov 15, 2021		Soil	S21-No48476										
37	AI_TRIP BLANK	Nov 15, 2021		Soil	S21-No48477			X							
38	AI_TRIP SPIKE	Nov 15, 2021		Water	S21-No48625				X						
39	AI_TRIP BLANK	Nov 15, 2021		Water	S21-No48626				X						
40	AI_TP78_0.3	Nov 15, 2021		Soil	S21-No48627					X		X	X	X	X
41	AI_TP78_0.1	Nov 15, 2021		Soil	S21-No48628	X	X						X	X	X
42	AI_TP88_0.3	Nov 15, 2021		Soil	S21-No48629	X				X			X	X	X
43	AI_TP88_0.1	Nov 15, 2021		Soil	S21-No48630	X	X						X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
44	AI_TP98_0.3	Nov 15, 2021		Soil	S21-No48631	X				X			X	X	X
45	AI_TP98_0.1	Nov 15, 2021		Soil	S21-No48632	X	X						X	X	X
46	AI_TP115_0.3	Nov 15, 2021		Soil	S21-No48633	X				X			X	X	X
47	AI_TP115_0.1	Nov 15, 2021		Soil	S21-No48634	X	X						X	X	X
48	AI_TP116_0.1	Nov 15, 2021		Soil	S21-No48635	X				X			X	X	X
49	AI_TP89_0.1	Nov 15, 2021		Soil	S21-No48636		X					X	X	X	X
Test Counts						8	18	4	2	23	35	35	41	42	43

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
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Attention:	Nicholas Grbich
Report	842812-AID-V2
Project Name	BRADFIELD CITY CENTER
Project ID	0571466
Received Date	Nov 16, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name BRADFIELD CITY CENTER
Project ID 0571466
Date Sampled Nov 15, 2021
Report 842812-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP96_0.1	21-No48441	Nov 15, 2021	Approximate Sample 550g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP85_0.3	21-No48442	Nov 15, 2021	Approximate Sample 528g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP84_0.1	21-No48443	Nov 15, 2021	Approximate Sample 439g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP83_0.1	21-No48444	Nov 15, 2021	Approximate Sample 402g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP82_0.1	21-No48445	Nov 15, 2021	Approximate Sample 578g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP107_0.1	21-No48446	Nov 15, 2021	Approximate Sample 541g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP109_0.1	21-No48447	Nov 15, 2021	Approximate Sample 382g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP110_0.1	21-No48448	Nov 15, 2021	Approximate Sample 387g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP100_0.1	21-No48449	Nov 15, 2021	Approximate Sample 425g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP101_0.1	21-No48450	Nov 15, 2021	Approximate Sample 454g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP92_0.3	21-No48451	Nov 15, 2021	Approximate Sample 499g Sample consisted of: Brown fine-grained clayey soil, bitumen and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP91_0.1	21-No48452	Nov 15, 2021	Approximate Sample 359g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP90_0.1	21-No48453	Nov 15, 2021	Approximate Sample 488g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP78_0.1	21-No48628	Nov 15, 2021	Approximate Sample 324g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP88_0.1	21-No48630	Nov 15, 2021	Approximate Sample 321g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP98_0.1	21-No48632	Nov 15, 2021	Approximate Sample 430g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP115_0.1	21-No48634	Nov 15, 2021	Approximate Sample 271g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP89_0.1	21-No48636	Nov 15, 2021	Approximate Sample 511g Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Nov 22, 2021	Indefinite

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP96_0.1	Nov 15, 2021		Soil	S21-No48441		X					X	X	X	X
2	AI_TP85_0.3	Nov 15, 2021		Soil	S21-No48442		X					X	X	X	X
3	AI_TP84_0.1	Nov 15, 2021		Soil	S21-No48443		X					X	X	X	X
4	AI_TP83_0.1	Nov 15, 2021		Soil	S21-No48444		X					X	X	X	X
5	AI_TP82_0.1	Nov 15, 2021		Soil	S21-No48445		X					X	X	X	X
6	AI_TP107_0.1	Nov 15, 2021		Soil	S21-No48446		X					X	X	X	X
7	AI_TP109_0.1	Nov 15, 2021		Soil	S21-No48447		X					X	X	X	X
8	AI_TP110_0.1	Nov 15, 2021		Soil	S21-No48448		X					X	X	X	X
9	AI_TP100_0.1	Nov 15, 2021		Soil	S21-No48449		X					X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
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Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
10	AI_TP101_0.1	Nov 15, 2021		Soil	S21-No48450		X					X	X	X	X
11	AI_TP92_0.3	Nov 15, 2021		Soil	S21-No48451		X					X	X	X	X
12	AI_TP91_0.1	Nov 15, 2021		Soil	S21-No48452		X					X	X	X	X
13	AI_TP90_0.1	Nov 15, 2021		Soil	S21-No48453		X					X	X	X	X
14	AI_TP96_0.3	Nov 15, 2021		Soil	S21-No48454					X		X	X	X	X
15	AI_TP84_0.3	Nov 15, 2021		Soil	S21-No48455					X		X	X	X	X
16	AI_TP83_0.3	Nov 15, 2021		Soil	S21-No48456					X		X	X	X	X
17	AI_TP82_0.3	Nov 15, 2021		Soil	S21-No48457					X		X	X	X	X
18	AI_20211116-D01	Nov 15, 2021		Soil	S21-No48458					X		X	X	X	X
19	AI_TP89_0.3	Nov 15, 2021		Soil	S21-No48459					X		X	X	X	X

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
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NSW 2000

Project Name: BRADFIELD CITY CENTER
Project ID: 0571466

Order No.:
Report #: 842812
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 16, 2021 1:06 PM
Due: Nov 23, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						% Moisture	Asbestos - AS4964	CANCELLED	HOLD	Suite B14: OCP/OPP	Moisture Set	Moisture Set	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
20	AI_TP107_0.3	Nov 15, 2021		Soil	S21-No48460					X		X	X	X	X
21	AI_TP109_0.3	Nov 15, 2021		Soil	S21-No48461					X		X	X	X	X
22	AI_TP110_0.3	Nov 15, 2021		Soil	S21-No48462					X		X	X	X	X
23	AI_TP99_0.3	Nov 15, 2021		Soil	S21-No48463					X		X	X	X	X
24	AI_TP100_0.3	Nov 15, 2021		Soil	S21-No48464					X		X	X	X	X
25	AI_TP101_0.3	Nov 15, 2021		Soil	S21-No48465					X		X	X	X	X
26	AI_TP92_0.5	Nov 15, 2021		Soil	S21-No48466					X		X	X	X	X
27	AI_TP91_0.3	Nov 15, 2021		Soil	S21-No48467					X		X	X	X	X
28	AI_TP90_0.3	Nov 15, 2021		Soil	S21-No48468					X		X	X	X	X
29	AI_20211115_D01	Nov 15, 2021		Soil	S21-No48469					X		X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
30	AI_20211115_D02	Nov 15, 2021		Soil	S21-No48470					X		X	X	X	X
31	AI_20211115_D03	Nov 15, 2021		Soil	S21-No48471						X				X
32	AI_20211115_R01	Nov 15, 2021		Water	S21-No48472			X							
33	AI_20211115_T02	Nov 15, 2021		Soil	S21-No48473					X		X	X	X	X
34	AI_20211115_T03	Nov 15, 2021		Soil	S21-No48474						X				X
35	AI_TRIP SPIKE	Nov 15, 2021		Soil	S21-No48475			X							
36	AI_TRIP	Nov 15, 2021		Soil	S21-No48476			X							

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
36	AI_TRIP SPIKE LAB	Nov 15, 2021		Soil	S21-No48476										
37	AI_TRIP BLANK	Nov 15, 2021		Soil	S21-No48477			X							
38	AI_TRIP SPIKE	Nov 15, 2021		Water	S21-No48625				X						
39	AI_TRIP BLANK	Nov 15, 2021		Water	S21-No48626				X						
40	AI_TP78_0.3	Nov 15, 2021		Soil	S21-No48627					X		X	X	X	X
41	AI_TP78_0.1	Nov 15, 2021		Soil	S21-No48628	X	X						X	X	X
42	AI_TP88_0.3	Nov 15, 2021		Soil	S21-No48629	X				X			X	X	X
43	AI_TP88_0.1	Nov 15, 2021		Soil	S21-No48630	X	X						X	X	X

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Phone: 02 8584 8888
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Due: Nov 23, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
44	AI_TP98_0.3	Nov 15, 2021		Soil	S21-No48631	X				X			X	X	X
45	AI_TP98_0.1	Nov 15, 2021		Soil	S21-No48632	X	X						X	X	X
46	AI_TP115_0.3	Nov 15, 2021		Soil	S21-No48633	X				X			X	X	X
47	AI_TP115_0.1	Nov 15, 2021		Soil	S21-No48634	X	X						X	X	X
48	AI_TP116_0.1	Nov 15, 2021		Soil	S21-No48635	X				X			X	X	X
49	AI_TP89_0.1	Nov 15, 2021		Soil	S21-No48636		X					X	X	X	X
Test Counts						8	18	4	2	23	35	35	41	42	43

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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ERM Sydney
Level 15, 309 Kent St
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NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **842812-S-V2**
Project name BRADFIELD CITY CENTER
Project ID 0571466
Received Date Nov 16, 2021

Client Sample ID			**AI_TP96_0.1**	**AI_TP85_0.3**	**AI_TP84_0.1**	**AI_TP83_0.1**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No48441**	**S21-No48442**	**S21-No48443**	**S21-No48444**
Date Sampled			**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	52	< 50
TRH C29-C36	50	mg/kg	52	< 50	75	< 50
TRH C10-C36 (Total)	50	mg/kg	52	< 50	127	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	85	83	89	71
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP96_0.1	AI_TP85_0.3	AI_TP84_0.1	AI_TP83_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48441	S21-No48442	S21-No48443	S21-No48444
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	85	83	89	71
Toluene-d8 (surr.)	1	%	72	84	91	67

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Client Sample ID			AI_TP96_0.1	AI_TP85_0.3	AI_TP84_0.1	AI_TP83_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48441	S21-No48442	S21-No48443	S21-No48444
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	87	71	67	66
p-Terphenyl-d14 (surr.)	1	%	132	102	114	106
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	87	71	67	66
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP96_0.1	AI_TP85_0.3	AI_TP84_0.1	AI_TP83_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48441	S21-No48442	S21-No48443	S21-No48444
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	54	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP96_0.1	AI_TP85_0.3	AI_TP84_0.1	AI_TP83_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48441	S21-No48442	S21-No48443	S21-No48444
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	133	105	115	104
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	142	105	116	113
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	9.2	8.8	3.5
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	33	22	18	7.7
Copper	5	mg/kg	12	16	19	15
Lead	5	mg/kg	31	19	25	9.2
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.7	10	11	13
Zinc	5	mg/kg	30	33	50	26
% Moisture	1	%	21	23	25	22
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP96_0.1	AI_TP85_0.3	AI_TP84_0.1	AI_TP83_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48441	S21-No48442	S21-No48443	S21-No48444
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	105	98	92	101
13C5-PFPeA (surr.)	1	%	89	99	97	103
13C5-PFHxA (surr.)	1	%	106	103	91	100
13C4-PFHpA (surr.)	1	%	103	85	80	104
13C8-PFOA (surr.)	1	%	91	101	89	105
13C5-PFNA (surr.)	1	%	101	113	96	90
13C6-PFDA (surr.)	1	%	111	121	119	123
13C2-PFUnDA (surr.)	1	%	121	133	117	131
13C2-PFDoDA (surr.)	1	%	116	114	105	116
13C2-PFTeDA (surr.)	1	%	130	123	106	126
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	85	83	82	91
D3-N-MeFOSA (surr.)	1	%	93	88	88	95
D5-N-EtFOSA (surr.)	1	%	80	79	77	85
D7-N-MeFOSE (surr.)	1	%	83	83	73	89
D9-N-EtFOSE (surr.)	1	%	91	93	80	85
D5-N-EtFOSAA (surr.)	1	%	81	75	71	85
D3-N-MeFOSAA (surr.)	1	%	83	72	76	73
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	111	107	92	104
18O2-PFHxS (surr.)	1	%	100	101	83	95
13C8-PFOS (surr.)	1	%	92	81	75	82

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Client Sample ID			AI_TP96_0.1	AI_TP85_0.3	AI_TP84_0.1	AI_TP83_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48441	S21-No48442	S21-No48443	S21-No48444
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	125	119	105	122
13C2-6:2 FTSA (surr.)	1	%	108	117	113	117
13C2-8:2 FTSA (surr.)	1	%	91	102	91	93
13C2-10:2 FTSA (surr.)	1	%	81	87	80	88
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP82_0.1	AI_TP107_0.1	AI_TP109_0.1	AI_TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48445	S21-No48446	S21-No48447	S21-No48448
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	51	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	81	< 50	58
TRH C10-C36 (Total)	50	mg/kg	< 50	132	< 50	58
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	110	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	110	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	89	95	91	109

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Client Sample ID			AI_TP82_0.1	AI_TP107_0.1	AI_TP109_0.1	AI_TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48445	S21-No48446	S21-No48447	S21-No48448
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP82_0.1	AI_TP107_0.1	AI_TP109_0.1	AI_TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48445	S21-No48446	S21-No48447	S21-No48448
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	89	95	91	109
Toluene-d8 (surr.)	1	%	92	100	95	117
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	67	56	64	71
p-Terphenyl-d14 (surr.)	1	%	101	53	64	120
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP82_0.1	AI_TP107_0.1	AI_TP109_0.1	AI_TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48445	S21-No48446	S21-No48447	S21-No48448
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	67	56	64	71
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 0.5	< 0.5	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	52	INT	INT	74
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP82_0.1	AI_TP107_0.1	AI_TP109_0.1	AI_TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48445	S21-No48446	S21-No48447	S21-No48448
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	103	56	66	125
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	110	51	51	117
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	16	7.8	4.7	7.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	35	15	19	26
Copper	5	mg/kg	17	21	26	23
Lead	5	mg/kg	30	17	22	25

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Client Sample ID			AI_TP82_0.1	AI_TP107_0.1	AI_TP109_0.1	AI_TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48445	S21-No48446	S21-No48447	S21-No48448
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Heavy Metals						
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10	12	15	13
Zinc	5	mg/kg	41	39	63	44
% Moisture	1	%	18	21	26	24
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	103	98	100
13C5-PFPeA (surr.)	1	%	93	107	115	99
13C5-PFHxA (surr.)	1	%	98	110	102	111
13C4-PFHpA (surr.)	1	%	86	100	89	90
13C8-PFOA (surr.)	1	%	97	105	92	100
13C5-PFNA (surr.)	1	%	92	97	106	99
13C6-PFDA (surr.)	1	%	114	110	106	112
13C2-PFUnDA (surr.)	1	%	119	116	118	131
13C2-PFDoDA (surr.)	1	%	108	108	112	109
13C2-PFTeDA (surr.)	1	%	123	122	122	132
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	80	82	86	85
D3-N-MeFOSA (surr.)	1	%	84	80	80	85
D5-N-EtFOSA (surr.)	1	%	75	69	74	77
D7-N-MeFOSE (surr.)	1	%	86	71	81	87
D9-N-EtFOSE (surr.)	1	%	93	72	85	91
D5-N-EtFOSAA (surr.)	1	%	75	74	75	82
D3-N-MeFOSAA (surr.)	1	%	79	65	80	81

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Client Sample ID			AI_TP82_0.1	AI_TP107_0.1	AI_TP109_0.1	AI_TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48445	S21-No48446	S21-No48447	S21-No48448
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	101	101	115
18O2-PFHxS (surr.)	1	%	85	93	95	100
13C8-PFOS (surr.)	1	%	83	83	80	82
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	107	150	128	134
13C2-6:2 FTSA (surr.)	1	%	107	181	111	106
13C2-8:2 FTSA (surr.)	1	%	94	84	88	96
13C2-10:2 FTSA (surr.)	1	%	81	70	91	76
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP100_0.1	AI_TP101_0.1	[G01]AI_TP92_0.3	AI_TP91_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48449	S21-No48450	S21-No48451	S21-No48452
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	61	65	< 50
TRH C29-C36	50	mg/kg	55	100	120	< 50
TRH C10-C36 (Total)	50	mg/kg	55	161	185	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	130	160	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	120	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	130	280	< 100

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Client Sample ID			AI_TP100_0.1	AI_TP101_0.1	[G01]AI_TP92_0.3	AI_TP91_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48449	S21-No48450	S21-No48451	S21-No48452
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	93	100	84
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP100_0.1	AI_TP101_0.1	[G01]AI_TP92_0.3	AI_TP91_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48449	S21-No48450	S21-No48451	S21-No48452
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	93	100	84
Toluene-d8 (surr.)	1	%	94	105	100	88
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	63	105	71	121
p-Terphenyl-d14 (surr.)	1	%	102	103	59	123
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 0.5	< 1	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5

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Client Sample ID			AI_TP100_0.1	AI_TP101_0.1	[G01]AI_TP92_0.3	AI_TP91_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48449	S21-No48450	S21-No48451	S21-No48452
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	63	105	71	121
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 0.5	< 1	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 1	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP100_0.1	AI_TP101_0.1	[G01]AI_TP92_0.3	AI_TP91_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48449	S21-No48450	S21-No48451	S21-No48452
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	5.6	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Nitrobenzene-d5 (surr.)	1	%	105	114	91	129
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	102	94	52	99
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5

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Client Sample ID			AI_TP100_0.1	AI_TP101_0.1	[G01]AI_TP92_0.3	AI_TP91_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48449	S21-No48450	S21-No48451	S21-No48452
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.0	14	12	5.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	15	66	32	16
Copper	5	mg/kg	16	51	20	14
Lead	5	mg/kg	19	27	16	16
Mercury	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.0	61	7.2	12
Zinc	5	mg/kg	32	98	31	42
% Moisture	1	%	18	43	18	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	97	85	102	94
13C5-PFPeA (surr.)	1	%	86	90	99	113
13C5-PFHxA (surr.)	1	%	105	99	103	92
13C4-PFHpA (surr.)	1	%	87	80	90	87
13C8-PFOA (surr.)	1	%	100	80	95	92
13C5-PFNA (surr.)	1	%	92	82	105	100
13C6-PFDA (surr.)	1	%	106	91	127	109
13C2-PFUnDA (surr.)	1	%	113	102	121	106
13C2-PFDoDA (surr.)	1	%	103	94	119	106
13C2-PFTeDA (surr.)	1	%	118	97	135	118
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	84	68	84	78
D3-N-MeFOSA (surr.)	1	%	81	60	86	90
D5-N-EtFOSA (surr.)	1	%	73	60	76	80

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Client Sample ID			AI_TP100_0.1	AI_TP101_0.1	[G01]AI_TP92_0.3	AI_TP91_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48449	S21-No48450	S21-No48451	S21-No48452
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D7-N-MeFOSE (surr.)	1	%	80	71	83	80
D9-N-EtFOSE (surr.)	1	%	79	59	88	86
D5-N-EtFOSAA (surr.)	1	%	79	59	80	80
D3-N-MeFOSAA (surr.)	1	%	79	65	80	76
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	100	89	107	101
18O2-PFHxS (surr.)	1	%	89	84	95	88
13C8-PFOS (surr.)	1	%	77	68	88	83
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	121	139	120	108
13C2-6:2 FTSA (surr.)	1	%	119	125	123	116
13C2-8:2 FTSA (surr.)	1	%	94	75	92	85
13C2-10:2 FTSA (surr.)	1	%	81	66	80	82
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	94	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	120	< 50	< 50	57
TRH C10-C36 (Total)	50	mg/kg	214	< 50	< 50	57
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	180	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	180	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	98	107	85	92
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	98	107	85	92
Toluene-d8 (surr.)	1	%	93	86	83	89
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	122	63	75	64
p-Terphenyl-d14 (surr.)	1	%	126	103	108	104

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	122	63	75	64
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	69
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	0.6	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	127	108	112	112
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	100	118	123	101
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.3	18	6.4	4.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	11	48	14	8.3
Copper	5	mg/kg	8.9	20	17	16
Lead	5	mg/kg	11	29	16	10
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	5.9	12	8.7	10
Zinc	5	mg/kg	21	34	29	38
% Moisture	1	%	21	20	20	24
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	93	103	90	90
13C5-PFPeA (surr.)	1	%	105	109	98	99
13C5-PFHxA (surr.)	1	%	104	115	93	83
13C4-PFHpA (surr.)	1	%	93	94	89	85
13C8-PFOA (surr.)	1	%	88	106	97	87
13C5-PFNA (surr.)	1	%	93	110	101	95
13C6-PFDA (surr.)	1	%	123	115	108	102
13C2-PFUnDA (surr.)	1	%	119	135	105	109
13C2-PFDoDA (surr.)	1	%	111	112	103	90
13C2-PFTeDA (surr.)	1	%	118	129	107	108

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	76	86	83	73
D3-N-MeFOSA (surr.)	1	%	90	95	89	76
D5-N-EtFOSA (surr.)	1	%	76	86	80	66
D7-N-MeFOSE (surr.)	1	%	88	88	79	71
D9-N-EtFOSE (surr.)	1	%	86	98	85	78
D5-N-EtFOSAA (surr.)	1	%	78	50	69	72
D3-N-MeFOSAA (surr.)	1	%	81	45	65	73
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	100	98	84
18O2-PFHxS (surr.)	1	%	82	97	95	84
13C8-PFOS (surr.)	1	%	79	83	75	74
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	134	105	99	112
13C2-6:2 FTSA (surr.)	1	%	126	127	109	95
13C2-8:2 FTSA (surr.)	1	%	95	94	91	79
13C2-10:2 FTSA (surr.)	1	%	81	82	77	72
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	96	105	109
Tetrachloro-m-xylene (surr.)	1	%	-	102	106	102
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP90_0.1	AI_TP96_0.3	AI_TP84_0.3	AI_TP83_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48453	S21-No48454	S21-No48455	S21-No48456
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	< 2	< 2	< 2
Naled	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	-	< 2	< 2	< 2
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	100	109	109

Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	83	106	89	82
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	83	106	89	82
Toluene-d8 (surr.)	1	%	79	69	81	71
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	83	103	74
p-Terphenyl-d14 (surr.)	1	%	104	87	108	67
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	83	103	74
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	117	89	113	77
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	91	81	96	69
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.3	7.2	15	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	21	17	32	26
Copper	5	mg/kg	24	23	25	22
Lead	5	mg/kg	17	13	36	13
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	8.6	11	18
Zinc	5	mg/kg	31	27	36	46
% Moisture	1	%	16	15	18	20

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Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	103	102	98	111
13C5-PFPeA (surr.)	1	%	101	98	91	109
13C5-PFHxA (surr.)	1	%	103	108	100	110
13C4-PFHpA (surr.)	1	%	93	99	94	102
13C8-PFOA (surr.)	1	%	106	99	95	102
13C5-PFNA (surr.)	1	%	112	107	97	112
13C6-PFDA (surr.)	1	%	135	118	111	129
13C2-PFUnDA (surr.)	1	%	128	126	123	135
13C2-PFDoDA (surr.)	1	%	123	103	102	121
13C2-PFTeDA (surr.)	1	%	122	115	126	130
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	85	93	88	95
D3-N-MeFOSA (surr.)	1	%	93	95	90	95
D5-N-EtFOSA (surr.)	1	%	88	90	88	95
D7-N-MeFOSE (surr.)	1	%	91	87	88	85
D9-N-EtFOSE (surr.)	1	%	96	94	96	97
D5-N-EtFOSAA (surr.)	1	%	89	78	78	62
D3-N-MeFOSAA (surr.)	1	%	81	85	79	58
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
13C3-PFBS (surr.)	1	%	101	106	102	114
18O2-PFHxS (surr.)	1	%	88	101	91	101
13C8-PFOS (surr.)	1	%	81	88	85	94
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	96	92	104	135
13C2-6:2 FTSA (surr.)	1	%	103	104	106	106
13C2-8:2 FTSA (surr.)	1	%	90	104	93	97
13C2-10:2 FTSA (surr.)	1	%	93	103	83	77
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	116	104	106	58
Tetrachloro-m-xylene (surr.)	1	%	107	87	106	72

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Client Sample ID			AI_TP82_0.3	AI_20211116-D01	AI_TP89_0.3	AI_TP107_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48457	S21-No48458	S21-No48459	S21-No48460
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	120	100	116	71

Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	95	117	81	90
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	95	117	81	90
Toluene-d8 (surr.)	1	%	85	80	72	78
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	53	62	69	114
p-Terphenyl-d14 (surr.)	1	%	52	59	60	109

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	53	62	69	114
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	61	70	72	120
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	56	61	64	114
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	4.2	6.9	5.1	9.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	32	13	18
Copper	5	mg/kg	50	42	11	23
Lead	5	mg/kg	18	24	16	18
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	19	17	6.0	12
Zinc	5	mg/kg	86	67	24	32
% Moisture	1	%	20	22	19	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	84	106	99	108
13C5-PFPeA (surr.)	1	%	95	90	100	103
13C5-PFHxA (surr.)	1	%	91	107	104	113
13C4-PFHpA (surr.)	1	%	82	119	83	110
13C8-PFOA (surr.)	1	%	78	96	93	99
13C5-PFNA (surr.)	1	%	82	106	106	120
13C6-PFDA (surr.)	1	%	98	119	119	128
13C2-PFUnDA (surr.)	1	%	112	135	121	128
13C2-PFDoDA (surr.)	1	%	99	122	111	116
13C2-PFTeDA (surr.)	1	%	91	131	121	138

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	71	85	81	91
D3-N-MeFOSA (surr.)	1	%	72	87	97	98
D5-N-EtFOSA (surr.)	1	%	63	80	83	91
D7-N-MeFOSE (surr.)	1	%	69	86	85	95
D9-N-EtFOSE (surr.)	1	%	70	89	92	94
D5-N-EtFOSAA (surr.)	1	%	69	77	78	93
D3-N-MeFOSAA (surr.)	1	%	61	80	90	87
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	95	111	109	113
18O2-PFHxS (surr.)	1	%	74	93	87	108
13C8-PFOS (surr.)	1	%	67	81	76	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	96	154	125	110
13C2-6:2 FTSA (surr.)	1	%	110	123	112	115
13C2-8:2 FTSA (surr.)	1	%	78	104	93	106
13C2-10:2 FTSA (surr.)	1	%	64	90	77	84
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	66	76	77	76
Tetrachloro-m-xylene (surr.)	1	%	55	65	63	108
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP109_0.3	AI_TP110_0.3	AI_TP99_0.3	AI_TP100_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48461	S21-No48462	S21-No48463	S21-No48464
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	61	68	69	127

Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	82	88	85	85
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	82	88	85	85
Toluene-d8 (surr.)	1	%	74	68	74	80
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	70	69	68	132
p-Terphenyl-d14 (surr.)	1	%	60	65	62	124
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	70	69	68	132
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	71	69	66	139
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	72	69	72	104
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.4	6.6	6.3	8.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	39	15	18	16
Copper	5	mg/kg	37	26	17	14
Lead	5	mg/kg	17	17	11	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	43	13	9.3	15
Zinc	5	mg/kg	72	31	25	19
% Moisture	1	%	17	19	20	20

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Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	91	99	106	104
13C5-PFPeA (surr.)	1	%	91	96	107	95
13C5-PFHxA (surr.)	1	%	93	96	107	103
13C4-PFHpA (surr.)	1	%	88	93	88	98
13C8-PFOA (surr.)	1	%	86	102	98	103
13C5-PFNA (surr.)	1	%	94	96	108	113
13C6-PFDA (surr.)	1	%	109	115	118	121
13C2-PFUnDA (surr.)	1	%	110	119	123	127
13C2-PFDoDA (surr.)	1	%	113	103	124	112
13C2-PFTeDA (surr.)	1	%	112	119	122	119
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	93	83	89	94
D3-N-MeFOSA (surr.)	1	%	90	83	95	95
D5-N-EtFOSA (surr.)	1	%	84	79	84	92
D7-N-MeFOSE (surr.)	1	%	87	86	91	90
D9-N-EtFOSE (surr.)	1	%	87	83	99	93
D5-N-EtFOSAA (surr.)	1	%	46	84	93	83
D3-N-MeFOSAA (surr.)	1	%	39	78	88	75
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	107	100	103	119

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Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	88	82	93	90
13C8-PFOS (surr.)	1	%	80	85	86	81
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	115	112	118	109
13C2-6:2 FTSA (surr.)	1	%	107	134	104	114
13C2-8:2 FTSA (surr.)	1	%	86	92	103	88
13C2-10:2 FTSA (surr.)	1	%	86	80	91	85
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	76	82	82	92
Tetrachloro-m-xylene (surr.)	1	%	64	67	69	131

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Client Sample ID			AI_TP101_0.3	AI_TP92_0.5	AI_TP91_0.3	AI_TP90_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48465	S21-No48466	S21-No48467	S21-No48468
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	71	72	76	INT

Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48469	S21-No48470	S21-No48471	S21-No48473
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	-	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	-	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	-	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	-	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	-	< 50

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No48469**	**S21-No48470**	**S21-No48471**	**S21-No48473**
Date Sampled			**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	-	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	-	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	-	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	-	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	-	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	78	94	-	96
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48469	S21-No48470	S21-No48471	S21-No48473
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	-	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Bromofluorobenzene (surr.)	1	%	78	94	-	96
Toluene-d8 (surr.)	1	%	69	90	-	93
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	-	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	101	114	-	119
p-Terphenyl-d14 (surr.)	1	%	120	111	-	120

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48469	S21-No48470	S21-No48471	S21-No48473
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	-	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	-	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	-	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	101	114	-	119
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	-	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	-	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	-	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	-	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	-	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	-	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	-	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	-	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	-	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	-	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48469	S21-No48470	S21-No48471	S21-No48473
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	-	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	-	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No48469**	**S21-No48470**	**S21-No48471**	**S21-No48473**
Date Sampled			**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	98	133	-	136
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	-	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Phenol-d6 (surr.)	1	%	98	120	-	116
Pronamide	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.5	13	-	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	-	< 0.4
Chromium	5	mg/kg	17	21	-	21
Copper	5	mg/kg	14	18	-	16
Lead	5	mg/kg	19	27	-	22
Mercury	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Nickel	5	mg/kg	13	12	-	12
Zinc	5	mg/kg	27	32	-	32
% Moisture	1	%	21	20	22	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	109	93	97	88
13C5-PFPeA (surr.)	1	%	97	125	115	89
13C5-PFHxA (surr.)	1	%	108	99	101	89
13C4-PFHpA (surr.)	1	%	100	94	88	73
13C8-PFOA (surr.)	1	%	109	110	97	93
13C5-PFNA (surr.)	1	%	101	97	108	93
13C6-PFDA (surr.)	1	%	125	121	113	105
13C2-PFUnDA (surr.)	1	%	135	126	124	116
13C2-PFDoDA (surr.)	1	%	138	120	103	102
13C2-PFTeDA (surr.)	1	%	125	125	115	111

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48469	S21-No48470	S21-No48471	S21-No48473
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	85	90	78	80
D3-N-MeFOSA (surr.)	1	%	93	95	83	80
D5-N-EtFOSA (surr.)	1	%	89	88	74	78
D7-N-MeFOSE (surr.)	1	%	96	83	84	81
D9-N-EtFOSE (surr.)	1	%	96	98	87	85
D5-N-EtFOSAA (surr.)	1	%	87	81	74	70
D3-N-MeFOSAA (surr.)	1	%	79	76	77	66
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	122	114	104	82
18O2-PFHxS (surr.)	1	%	98	91	85	84
13C8-PFOS (surr.)	1	%	94	83	85	77
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	118	99	132	90
13C2-6:2 FTSA (surr.)	1	%	117	104	127	85
13C2-8:2 FTSA (surr.)	1	%	97	89	71	91
13C2-10:2 FTSA (surr.)	1	%	85	74	78	69
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-No48469**	**S21-No48470**	**S21-No48471**	**S21-No48473**
Date Sampled			**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**	**Nov 15, 2021**
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	INT	INT	-	INT
Tetrachloro-m-xylene (surr.)	1	%	124	119	-	121
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	-	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2

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Client Sample ID			AI_20211115_D01	AI_20211115_D02	AI_20211115_D03	AI_20211115_T02
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48469	S21-No48470	S21-No48471	S21-No48473
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	-	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Omethoate	2	mg/kg	< 2	< 2	-	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	148	145	-	INT

Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	-	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	-	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	-	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	-	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	-	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	-	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	-	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	-	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	-	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	-	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	-	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	117	88	99
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2-Trichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	-	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Total MAH*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	-	117	88	99
Toluene-d8 (surr.)	1	%	-	111	88	104
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	55	63	66
p-Terphenyl-d14 (surr.)	1	%	-	58	60	61
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	55	63	66
2-Methylnaphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Naphthylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	-	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	-	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	-	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	-	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	-	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	-	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	-	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenz(a.j)acridine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	-	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	-	52	64	67
Pentachlorobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	-	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	-	56	62	62
Pronamide	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	-	5.6	8.5	20
Cadmium	0.4	mg/kg	-	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	-	14	19	53
Copper	5	mg/kg	-	13	12	22
Lead	5	mg/kg	-	14	21	30
Mercury	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	-	5.6	5.6	14
Zinc	5	mg/kg	-	18	19	41
% Moisture	1	%	24	16	15	20

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Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	110	108	114
13C5-PFPeA (surr.)	1	%	97	102	108	117
13C5-PFHxA (surr.)	1	%	93	110	111	108
13C4-PFHpA (surr.)	1	%	91	113	99	100
13C8-PFOA (surr.)	1	%	91	101	101	111
13C5-PFNA (surr.)	1	%	93	119	108	108
13C6-PFDA (surr.)	1	%	111	126	124	123
13C2-PFUnDA (surr.)	1	%	118	136	130	139
13C2-PFDoDA (surr.)	1	%	110	107	110	127
13C2-PFTeDA (surr.)	1	%	120	139	126	134
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	77	83	82	95
D3-N-MeFOSA (surr.)	1	%	75	94	87	101
D5-N-EtFOSA (surr.)	1	%	72	90	87	99
D7-N-MeFOSE (surr.)	1	%	78	90	78	95
D9-N-EtFOSE (surr.)	1	%	86	100	92	104
D5-N-EtFOSAA (surr.)	1	%	77	74	75	65
D3-N-MeFOSAA (surr.)	1	%	76	72	83	66
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
13C3-PFBS (surr.)	1	%	98	123	103	126
18O2-PFHxS (surr.)	1	%	78	100	102	96
13C8-PFOS (surr.)	1	%	84	83	89	101
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	129	134	134	138
13C2-6:2 FTSA (surr.)	1	%	126	115	112	102
13C2-8:2 FTSA (surr.)	1	%	80	97	101	111
13C2-10:2 FTSA (surr.)	1	%	78	82	86	89
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	65	-	71
Tetrachloro-m-xylene (surr.)	1	%	-	56	-	61

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Client Sample ID			AI_20211115_T03	AI_TP78_0.3	AI_TP78_0.1	AI_TP88_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48474	S21-No48627	S21-No48628	S21-No48629
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	78	-	87

Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	74	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	89	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	163	< 50

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	140	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	140	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	148	105	102	76
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	148	105	102	76
Toluene-d8 (surr.)	1	%	138	102	105	73
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	75	55	66	126
p-Terphenyl-d14 (surr.)	1	%	61	51	63	110

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	75	55	66	126
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	70	51	80	130
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	67	53	65	99
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	22	19	23	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	49	48	52	28
Copper	5	mg/kg	20	21	33	23
Lead	5	mg/kg	36	29	32	22
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	14	16	20
Zinc	5	mg/kg	42	40	59	47
% Moisture	1	%	19	19	30	18
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	100	125	104	92
13C5-PFPeA (surr.)	1	%	107	137	107	95
13C5-PFHxA (surr.)	1	%	101	96	104	98
13C4-PFHpA (surr.)	1	%	103	104	99	81
13C8-PFOA (surr.)	1	%	103	117	96	92
13C5-PFNA (surr.)	1	%	107	127	100	87
13C6-PFDA (surr.)	1	%	127	133	114	98
13C2-PFUnDA (surr.)	1	%	124	147	127	112
13C2-PFDoDA (surr.)	1	%	107	113	112	96
13C2-PFTeDA (surr.)	1	%	121	127	138	125

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	80	104	80	77
D3-N-MeFOSA (surr.)	1	%	92	128	91	86
D5-N-EtFOSA (surr.)	1	%	80	163	78	76
D7-N-MeFOSE (surr.)	1	%	88	166	79	80
D9-N-EtFOSE (surr.)	1	%	94	76	88	96
D5-N-EtFOSAA (surr.)	1	%	82	60	76	62
D3-N-MeFOSAA (surr.)	1	%	84	67	85	52
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	148	99	92
18O2-PFHxS (surr.)	1	%	87	132	89	79
13C8-PFOS (surr.)	1	%	81	113	93	74
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	114	114	152	109
13C2-6:2 FTSA (surr.)	1	%	98	104	135	79
13C2-8:2 FTSA (surr.)	1	%	96	52	88	92
13C2-10:2 FTSA (surr.)	1	%	77	71	81	58
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	57	-	146
Tetrachloro-m-xylene (surr.)	1	%	-	50	-	104
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2

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Client Sample ID			AI_TP88_0.1	AI_TP98_0.3	AI_TP98_0.1	AI_TP115_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-No48630	S21-No48631	S21-No48632	S21-No48633
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	68	-	115

Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	20	mg/kg	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100
BTEX					
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	79	88	86
Volatile Organics					
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Volatile Organics					
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Volatile Organics					
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	79	88	86
Toluene-d8 (surr.)	1	%	82	98	99
Polycyclic Aromatic Hydrocarbons					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	130	112	123
p-Terphenyl-d14 (surr.)	1	%	110	97	103
Semivolatile Organics					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	130	112	123
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	134	116	125
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	98	98	109
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heavy Metals					
Arsenic	2	mg/kg	7.1	11	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	22	27
Copper	5	mg/kg	14	19	14
Lead	5	mg/kg	18	24	46
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	13	10
Zinc	5	mg/kg	18	29	14
% Moisture	1	%	19	19	12

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Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	103	125	118
13C5-PFPeA (surr.)	1	%	108	143	140
13C5-PFHxA (surr.)	1	%	73	83	94
13C4-PFHpA (surr.)	1	%	72	91	94
13C8-PFOA (surr.)	1	%	79	98	98
13C5-PFNA (surr.)	1	%	97	128	119
13C6-PFDA (surr.)	1	%	108	128	120
13C2-PFUnDA (surr.)	1	%	108	135	132
13C2-PFDoDA (surr.)	1	%	100	119	114
13C2-PFTeDA (surr.)	1	%	96	120	116
Perfluoroalkyl sulfonamido substances					
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	85	108	108
D3-N-MeFOSA (surr.)	1	%	83	122	111
D5-N-EtFOSA (surr.)	1	%	113	150	145
D7-N-MeFOSE (surr.)	1	%	94	116	105
D9-N-EtFOSE (surr.)	1	%	63	84	73
D5-N-EtFOSAA (surr.)	1	%	53	63	57
D3-N-MeFOSAA (surr.)	1	%	59	68	65
Perfluoroalkyl sulfonic acids (PFSAs)					
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	119	145	137

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Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Perfluoroalkyl sulfonic acids (PFSAs)					
18O2-PFHxS (surr.)	1	%	101	130	111
13C8-PFOS (surr.)	1	%	91	115	107
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	120	86	113
13C2-6:2 FTSA (surr.)	1	%	77	74	66
13C2-8:2 FTSA (surr.)	1	%	56	54	44
13C2-10:2 FTSA (surr.)	1	%	65	78	64
PFASs Summations					
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50
Organochlorine Pesticides					
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	-	< 0.05	-
a-HCH	0.05	mg/kg	-	< 0.05	-
Aldrin	0.05	mg/kg	-	< 0.05	-
b-HCH	0.05	mg/kg	-	< 0.05	-
d-HCH	0.05	mg/kg	-	< 0.05	-
Dieldrin	0.05	mg/kg	-	< 0.05	-
Endosulfan I	0.05	mg/kg	-	< 0.05	-
Endosulfan II	0.05	mg/kg	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-
Endrin	0.05	mg/kg	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-
Endrin ketone	0.05	mg/kg	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-
Heptachlor	0.05	mg/kg	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-
Methoxychlor	0.05	mg/kg	-	< 0.05	-
Toxaphene	0.5	mg/kg	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	118	-
Tetrachloro-m-xylene (surr.)	1	%	-	96	-

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Client Sample ID			AI_TP115_0.1	AI_TP116_0.1	AI_TP89_0.1
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-No48634	S21-No48635	S21-No48636
Date Sampled			Nov 15, 2021	Nov 15, 2021	Nov 15, 2021
Test/Reference	LOR	Unit			
Organophosphorus Pesticides					
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-
Bolstar	0.2	mg/kg	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-
Coumaphos	2	mg/kg	-	< 2	-
Demeton-S	0.2	mg/kg	-	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	-
Dimethoate	0.2	mg/kg	-	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	-
EPN	0.2	mg/kg	-	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	-	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	-
Malathion	0.2	mg/kg	-	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	-
Methyl parathion	0.2	mg/kg	-	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	-
Monocrotophos	2	mg/kg	-	< 2	-
Naled	0.2	mg/kg	-	< 0.2	-
Omethoate	2	mg/kg	-	< 2	-
Phorate	0.2	mg/kg	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-
Pyrazophos	0.2	mg/kg	-	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	-
Terbufos	0.2	mg/kg	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	146	-

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 23, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Nov 23, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Nov 23, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Nov 23, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Nov 22, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Nov 26, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Nov 26, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Nov 26, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Nov 26, 2021	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Organochlorine Pesticides	Sydney	Nov 23, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Nov 23, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
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Project Name: BRADFIELD CITY CENTER
Project ID: 0571466

Order No.:
Report #: 842812
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 16, 2021 1:06 PM
Due: Nov 23, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						% Moisture	Asbestos - AS4964	CANCELLED	HOLD	Suite B14: OCP/OPP	Moisture Set	Moisture Set	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP96_0.1	Nov 15, 2021		Soil	S21-No48441		X					X	X	X	X
2	AI_TP85_0.3	Nov 15, 2021		Soil	S21-No48442		X					X	X	X	X
3	AI_TP84_0.1	Nov 15, 2021		Soil	S21-No48443		X					X	X	X	X
4	AI_TP83_0.1	Nov 15, 2021		Soil	S21-No48444		X					X	X	X	X
5	AI_TP82_0.1	Nov 15, 2021		Soil	S21-No48445		X					X	X	X	X
6	AI_TP107_0.1	Nov 15, 2021		Soil	S21-No48446		X					X	X	X	X
7	AI_TP109_0.1	Nov 15, 2021		Soil	S21-No48447		X					X	X	X	X
8	AI_TP110_0.1	Nov 15, 2021		Soil	S21-No48448		X					X	X	X	X
9	AI_TP100_0.1	Nov 15, 2021		Soil	S21-No48449		X					X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
10	AI_TP101_0.1	Nov 15, 2021		Soil	S21-No48450		X					X	X	X	X
11	AI_TP92_0.3	Nov 15, 2021		Soil	S21-No48451		X					X	X	X	X
12	AI_TP91_0.1	Nov 15, 2021		Soil	S21-No48452		X					X	X	X	X
13	AI_TP90_0.1	Nov 15, 2021		Soil	S21-No48453		X					X	X	X	X
14	AI_TP96_0.3	Nov 15, 2021		Soil	S21-No48454					X		X	X	X	X
15	AI_TP84_0.3	Nov 15, 2021		Soil	S21-No48455					X		X	X	X	X
16	AI_TP83_0.3	Nov 15, 2021		Soil	S21-No48456					X		X	X	X	X
17	AI_TP82_0.3	Nov 15, 2021		Soil	S21-No48457					X		X	X	X	X
18	AI_20211116-D01	Nov 15, 2021		Soil	S21-No48458					X		X	X	X	X
19	AI_TP89_0.3	Nov 15, 2021		Soil	S21-No48459					X		X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
20	AI_TP107_0.3	Nov 15, 2021		Soil	S21-No48460					X		X	X	X	X
21	AI_TP109_0.3	Nov 15, 2021		Soil	S21-No48461					X		X	X	X	X
22	AI_TP110_0.3	Nov 15, 2021		Soil	S21-No48462					X		X	X	X	X
23	AI_TP99_0.3	Nov 15, 2021		Soil	S21-No48463					X		X	X	X	X
24	AI_TP100_0.3	Nov 15, 2021		Soil	S21-No48464					X		X	X	X	X
25	AI_TP101_0.3	Nov 15, 2021		Soil	S21-No48465					X		X	X	X	X
26	AI_TP92_0.5	Nov 15, 2021		Soil	S21-No48466					X		X	X	X	X
27	AI_TP91_0.3	Nov 15, 2021		Soil	S21-No48467					X		X	X	X	X
28	AI_TP90_0.3	Nov 15, 2021		Soil	S21-No48468					X		X	X	X	X
29	AI_20211115_D01	Nov 15, 2021		Soil	S21-No48469					X		X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
30	AI_20211115_D02	Nov 15, 2021		Soil	S21-No48470					X		X	X	X	X
31	AI_20211115_D03	Nov 15, 2021		Soil	S21-No48471						X				X
32	AI_20211115_R01	Nov 15, 2021		Water	S21-No48472			X							
33	AI_20211115_T02	Nov 15, 2021		Soil	S21-No48473					X		X	X	X	X
34	AI_20211115_T03	Nov 15, 2021		Soil	S21-No48474						X				X
35	AI_TRIP SPIKE	Nov 15, 2021		Soil	S21-No48475			X							
36	AI_TRIP	Nov 15, 2021		Soil	S21-No48476			X							

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
36	AI_TRIP SPIKE LAB	Nov 15, 2021		Soil	S21-No48476										
37	AI_TRIP BLANK	Nov 15, 2021		Soil	S21-No48477			X							
38	AI_TRIP SPIKE	Nov 15, 2021		Water	S21-No48625				X						
39	AI_TRIP BLANK	Nov 15, 2021		Water	S21-No48626				X						
40	AI_TP78_0.3	Nov 15, 2021		Soil	S21-No48627					X		X	X	X	X
41	AI_TP78_0.1	Nov 15, 2021		Soil	S21-No48628	X	X						X	X	X
42	AI_TP88_0.3	Nov 15, 2021		Soil	S21-No48629	X				X			X	X	X
43	AI_TP88_0.1	Nov 15, 2021		Soil	S21-No48630	X	X						X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794											X	X			X
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
44	AI_TP98_0.3	Nov 15, 2021		Soil	S21-No48631	X				X			X	X	X
45	AI_TP98_0.1	Nov 15, 2021		Soil	S21-No48632	X	X						X	X	X
46	AI_TP115_0.3	Nov 15, 2021		Soil	S21-No48633	X				X			X	X	X
47	AI_TP115_0.1	Nov 15, 2021		Soil	S21-No48634	X	X						X	X	X
48	AI_TP116_0.1	Nov 15, 2021		Soil	S21-No48635	X				X			X	X	X
49	AI_TP89_0.1	Nov 15, 2021		Soil	S21-No48636		X					X	X	X	X
Test Counts						8	18	4	2	23	35	35	41	42	43

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	100			70-130	Pass	
TRH C10-C14	%	111			70-130	Pass	
Naphthalene	%	90			70-130	Pass	
TRH C6-C10	%	96			70-130	Pass	
TRH >C10-C16	%	113			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	104			70-130	Pass	
Toluene	%	116			70-130	Pass	
Ethylbenzene	%	114			70-130	Pass	
m&p-Xylenes	%	116			70-130	Pass	
o-Xylene	%	114			70-130	Pass	
Xylenes - Total*	%	115			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	87			70-130	Pass	
1.1.1-Trichloroethane	%	83			70-130	Pass	
1.2-Dichlorobenzene	%	107			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	93			70-130	Pass	
Benzene	%	102			70-130	Pass	
Ethylbenzene	%	116			70-130	Pass	
m&p-Xylenes	%	120			70-130	Pass	
o-Xylene	%	119			70-130	Pass	
Toluene	%	116			70-130	Pass	
Trichloroethene	%	80			70-130	Pass	
Xylenes - Total*	%	119			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	93			70-130	Pass	
Acenaphthylene	%	77			70-130	Pass	
Anthracene	%	80			70-130	Pass	
Benz(a)anthracene	%	77			70-130	Pass	
Benzo(a)pyrene	%	77			70-130	Pass	
Benzo(b&j)fluoranthene	%	81			70-130	Pass	
Benzo(g.h.i)perylene	%	75			70-130	Pass	
Benzo(k)fluoranthene	%	70			70-130	Pass	
Chrysene	%	80			70-130	Pass	
Dibenz(a.h)anthracene	%	89			70-130	Pass	
Fluoranthene	%	72			70-130	Pass	
Fluorene	%	85			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	78			70-130	Pass	
Naphthalene	%	82			70-130	Pass	
Phenanthrene	%	79			70-130	Pass	
Pyrene	%	88			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	70			25-140	Pass	
1.2.4-Trichlorobenzene	%	72			70-130	Pass	
1.3.5-Trichlorobenzene	%	84			70-130	Pass	
1.4-Dichlorobenzene	%	79			70-130	Pass	
2-Chlorophenol	%	87			25-140	Pass	
2-Methylphenol (o-Cresol)	%	88			25-140	Pass	
2-Nitrophenol	%	86			25-140	Pass	
2.4-Dichlorophenol	%	86			25-140	Pass	
2.4-Dimethylphenol	%	86			25-140	Pass	
2.4-Dinitrophenol	%	73			25-140	Pass	
2.4-Dinitrotoluene	%	73			70-130	Pass	
2.4.5-Trichlorophenol	%	88			25-140	Pass	
2.4.6-Trichlorophenol	%	83			25-140	Pass	
2.6-Dichlorophenol	%	84			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	100			25-140	Pass	
4-Chloro-3-methylphenol	%	97			25-140	Pass	
4-Nitrophenol	%	78			25-140	Pass	
Acenaphthene	%	94			70-130	Pass	
Acenaphthylene	%	91			70-130	Pass	
Anthracene	%	97			70-130	Pass	
Benz(a)anthracene	%	91			70-130	Pass	
Benzo(a)pyrene	%	94			70-130	Pass	
Benzo(b&j)fluoranthene	%	107			70-130	Pass	
Benzo(g.h.i)perylene	%	88			70-130	Pass	
Benzo(k)fluoranthene	%	86			70-130	Pass	
Chrysene	%	94			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dibenz(a.h)anthracene	%	122			70-130	Pass	
Endrin aldehyde	%	89			70-130	Pass	
Fluoranthene	%	83			70-130	Pass	
Fluorene	%	100			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	101			70-130	Pass	
N-Nitrosodipropylamine	%	106			70-130	Pass	
Naphthalene	%	93			70-130	Pass	
Pentachlorophenol	%	71			25-140	Pass	
Phenanthrene	%	87			70-130	Pass	
Phenol	%	87			25-140	Pass	
Pyrene	%	88			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	100			80-120	Pass	
Cadmium	%	102			80-120	Pass	
Chromium	%	109			80-120	Pass	
Copper	%	111			80-120	Pass	
Lead	%	97			80-120	Pass	
Mercury	%	113			80-120	Pass	
Nickel	%	112			80-120	Pass	
Zinc	%	111			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	87			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	100			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	90			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	82			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	94			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	88			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	81			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	89			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	99			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	80			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	93			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	91			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	92			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	104			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	95			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	82			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	79			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	99			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	79			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	104			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	76			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	70			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	103			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	100			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	90			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	104			50-150	Pass	
LCS - % Recovery							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	91			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	106			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	105			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	92			50-150	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	100			70-130	Pass	
4.4'-DDD	%	90			70-130	Pass	
4.4'-DDE	%	114			70-130	Pass	
4.4'-DDT	%	108			70-130	Pass	
a-HCH	%	94			70-130	Pass	
Aldrin	%	110			70-130	Pass	
b-HCH	%	95			70-130	Pass	
d-HCH	%	94			70-130	Pass	
Dieldrin	%	92			70-130	Pass	
Endosulfan I	%	98			70-130	Pass	
Endosulfan II	%	94			70-130	Pass	
Endosulfan sulphate	%	97			70-130	Pass	
Endrin	%	120			70-130	Pass	
Endrin aldehyde	%	96			70-130	Pass	
Endrin ketone	%	93			70-130	Pass	
g-HCH (Lindane)	%	93			70-130	Pass	
Heptachlor	%	127			70-130	Pass	
Heptachlor epoxide	%	98			70-130	Pass	
Hexachlorobenzene	%	101			70-130	Pass	
Methoxychlor	%	113			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	117			70-130	Pass	
Dimethoate	%	96			70-130	Pass	
Ethion	%	104			70-130	Pass	
Fenitrothion	%	114			70-130	Pass	
Methyl parathion	%	112			70-130	Pass	
Mevinphos	%	107			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-No48441	CP	%	71			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No48441	CP	%	86			70-130	Pass	
Toluene	S21-No48441	CP	%	95			70-130	Pass	
Ethylbenzene	S21-No48441	CP	%	95			70-130	Pass	
m&p-Xylenes	S21-No48441	CP	%	96			70-130	Pass	
o-Xylene	S21-No48441	CP	%	97			70-130	Pass	
Xylenes - Total*	S21-No48441	CP	%	96			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.2-Dichlorobenzene	S21-No48441	CP	%	88			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	W21-No45987	NCP	%	97			70-130	Pass	
1.1.1-Trichloroethane	S21-No54183	NCP	%	70			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	S21-No54183	NCP	%	81			70-130	Pass	
Trichloroethene	W21-No45987	NCP	%	87			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	S21-No48442	CP	%	89			30-130	Pass	
2-Chlorophenol	S21-No48442	CP	%	75			30-130	Pass	
2-Nitrophenol	S21-No48442	CP	%	91			30-130	Pass	
2.4-Dichlorophenol	S21-No48442	CP	%	76			30-130	Pass	
2.4-Dinitrophenol	S21-No48442	CP	%	94			70-130	Pass	
2.4.5-Trichlorophenol	S21-No48442	CP	%	97			30-130	Pass	
4-Chloro-3-methylphenol	S21-No48442	CP	%	88			30-130	Pass	
4-Nitrophenol	S21-No48442	CP	%	92			30-130	Pass	
Phenol	S21-No48442	CP	%	78			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-No48442	CP	%	96			75-125	Pass	
Cadmium	S21-No48442	CP	%	98			75-125	Pass	
Chromium	S21-No48442	CP	%	86			75-125	Pass	
Copper	S21-No48442	CP	%	85			75-125	Pass	
Lead	S21-No48442	CP	%	97			75-125	Pass	
Mercury	S21-No48442	CP	%	97			75-125	Pass	
Nickel	S21-No48442	CP	%	89			75-125	Pass	
Zinc	S21-No48442	CP	%	84			75-125	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
1.2.4-Trichlorobenzene	S21-De52985	NCP	%	76			70-130	Pass	
2.4-Dinitrotoluene	S21-De38279	NCP	%	74			70-130	Pass	
N-Nitrosodipropylamine	S21-De38279	NCP	%	70			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-De49527	NCP	%	104			70-130	Pass	
Acenaphthylene	S21-De49527	NCP	%	105			70-130	Pass	
Anthracene	S21-De49527	NCP	%	104			70-130	Pass	
Benz(a)anthracene	S21-De49527	NCP	%	96			70-130	Pass	
Benzo(a)pyrene	S21-De49527	NCP	%	103			70-130	Pass	
Benzo(b&j)fluoranthene	S21-De49527	NCP	%	111			70-130	Pass	
Benzo(g.h.i)perylene	S21-De49527	NCP	%	89			70-130	Pass	
Benzo(k)fluoranthene	S21-De49527	NCP	%	110			70-130	Pass	
Chrysene	S21-De49527	NCP	%	98			70-130	Pass	
Dibenz(a.h)anthracene	S21-De49527	NCP	%	100			70-130	Pass	
Fluoranthene	S21-De49527	NCP	%	103			70-130	Pass	
Fluorene	S21-De49527	NCP	%	112			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S21-De49527	NCP	%	96			70-130	Pass	
Naphthalene	S21-De49527	NCP	%	103			70-130	Pass	
Phenanthrene	S21-De49527	NCP	%	106			70-130	Pass	
Pyrene	S21-De49527	NCP	%	103			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S21-De49527	NCP	%	111			70-130	Pass	
4.4'-DDD	S21-De49527	NCP	%	104			70-130	Pass	
4.4'-DDE	S21-De49527	NCP	%	119			70-130	Pass	
4.4'-DDT	S21-De49527	NCP	%	99			70-130	Pass	
a-HCH	S21-De49527	NCP	%	105			70-130	Pass	
Aldrin	S21-De49527	NCP	%	116			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
b-HCH	S21-De49527	NCP	%	112			70-130	Pass	
d-HCH	S21-De49527	NCP	%	107			70-130	Pass	
Dieldrin	S21-De49527	NCP	%	108			70-130	Pass	
Endosulfan I	S21-De49527	NCP	%	110			70-130	Pass	
Endosulfan II	S21-De49527	NCP	%	103			70-130	Pass	
Endosulfan sulphate	S21-De49527	NCP	%	100			70-130	Pass	
Endrin	S21-De49527	NCP	%	116			70-130	Pass	
Endrin ketone	S21-De49527	NCP	%	100			70-130	Pass	
g-HCH (Lindane)	S21-De49527	NCP	%	112			70-130	Pass	
Heptachlor	S21-De49527	NCP	%	116			70-130	Pass	
Heptachlor epoxide	S21-De49527	NCP	%	111			70-130	Pass	
Hexachlorobenzene	S21-De49527	NCP	%	117			70-130	Pass	
Methoxychlor	S21-De49527	NCP	%	92			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S21-De49527	NCP	%	118			70-130	Pass	
Dimethoate	S21-De49527	NCP	%	103			70-130	Pass	
Ethion	S21-De49527	NCP	%	98			70-130	Pass	
Fenitrothion	S21-De49527	NCP	%	103			70-130	Pass	
Methyl parathion	S21-De49527	NCP	%	114			70-130	Pass	
Mevinphos	S21-De49527	NCP	%	116			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-No48457	CP	%	95			70-130	Pass	
TRH >C10-C16	S21-No48457	CP	%	88			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No48457	CP	%	91			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No48457	CP	%	106			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No48457	CP	%	104			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No48457	CP	%	92			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No48457	CP	%	87			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No48457	CP	%	102			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No48457	CP	%	78			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No48457	CP	%	92			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No48457	CP	%	85			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No48457	CP	%	91			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No48457	CP	%	90			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No48457	CP	%	100			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No48457	CP	%	103			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No48457	CP	%	109			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No48457	CP	%	108			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No48457	CP	%	83			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No48457	CP	%	90			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No48457	CP	%	114			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No48457	CP	%	82			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No48457	CP	%	126			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No48457	CP	%	75			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No48457	CP	%	80			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No48457	CP	%	111			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No48457	CP	%	106			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No48457	CP	%	110			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No48457	CP	%	128			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No48457	CP	%	97			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No48457	CP	%	104			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No48457	CP	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No48457	CP	%	91			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No48459	CP	%	80			70-130	Pass	
Naphthalene	S21-No48459	CP	%	84			70-130	Pass	
TRH C6-C10	S21-No48459	CP	%	76			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-No48459	CP	%	75			70-130	Pass	
Toluene	S21-No48459	CP	%	92			70-130	Pass	
Ethylbenzene	S21-No48459	CP	%	94			70-130	Pass	
m&p-Xylenes	S21-No48459	CP	%	95			70-130	Pass	
o-Xylene	S21-No48459	CP	%	97			70-130	Pass	
Xylenes - Total*	S21-No48459	CP	%	95			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-No48467	CP	%	76			70-130	Pass	
Naphthalene	S21-No48467	CP	%	77			70-130	Pass	
TRH C6-C10	S21-No48467	CP	%	73			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Toluene	S21-No48467	CP	%	85			70-130	Pass	
Ethylbenzene	S21-No48467	CP	%	90			70-130	Pass	
m&p-Xylenes	S21-No48467	CP	%	93			70-130	Pass	
o-Xylene	S21-No48467	CP	%	96			70-130	Pass	
Xylenes - Total*	S21-No48467	CP	%	94			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-No48633	CP	%	85			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No48633	CP	%	96			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No48633	CP	%	102			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No48633	CP	%	74			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-No48633	CP	%	85			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-No48633	CP	%	91			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-No48633	CP	%	70			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No48633	CP	%	88			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No48633	CP	%	102			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No48633	CP	%	93			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No48633	CP	%	96			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-No48633	CP	%	86			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No48633	CP	%	90			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No48633	CP	%	95			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No48633	CP	%	100			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No48633	CP	%	90			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No48633	CP	%	96			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No48633	CP	%	102			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-No48633	CP	%	83			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No48633	CP	%	110			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No48633	CP	%	70			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No48633	CP	%	68			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No48633	CP	%	127			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No48633	CP	%	119			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No48633	CP	%	95			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No48633	CP	%	112			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No48633	CP	%	85			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No48633	CP	%	111			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No48633	CP	%	117			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No48633	CP	%	91			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No48441	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-No48441	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2.6-Dinitrotoluene	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No48441	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No48441	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No48441	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No48441	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No48441	CP	mg/kg	11	11	5.0	30%	Pass	
Cadmium	S21-No48441	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No48441	CP	mg/kg	33	38	14	30%	Pass	
Copper	S21-No48441	CP	mg/kg	12	13	6.0	30%	Pass	
Lead	S21-No48441	CP	mg/kg	31	32	4.0	30%	Pass	
Mercury	S21-No48441	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No48441	CP	mg/kg	7.7	7.5	2.0	30%	Pass	
Zinc	S21-No48441	CP	mg/kg	30	28	6.0	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No48441	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No48441	CP	mg/kg	0.29	0.10	100	30%	Fail	Q15
Endrin ketone	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No48441	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No48441	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No48441	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Methyl parathion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No48441	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No48441	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No48441	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No48444	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No48444	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No48444	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No48444	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No48444	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No48444	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No48444	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No48444	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Carbon disulfide	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No48444	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No48445	CP	%	18	21	14	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No48446	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No48446	CP	mg/kg	51	60	17	30%	Pass	
TRH C29-C36	S21-No48446	CP	mg/kg	81	110	26	30%	Pass	
TRH >C10-C16	S21-No48446	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No48446	CP	mg/kg	110	130	21	30%	Pass	
TRH >C34-C40	S21-No48446	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
a-HCH	S21-De38278	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-De38278	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-De38278	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No48448	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No48448	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No48448	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No48448	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No48448	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No48448	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No48448	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No48448	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No48448	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No48452	CP	mg/kg	5.9	4.1	37	30%	Fail	Q15
Cadmium	S21-No48452	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No48452	CP	mg/kg	16	11	37	30%	Fail	Q15
Copper	S21-No48452	CP	mg/kg	14	11	23	30%	Pass	
Lead	S21-No48452	CP	mg/kg	16	13	25	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Mercury	S21-No48452	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No48452	CP	mg/kg	12	8.9	33	30%	Fail	Q15
Zinc	S21-No48452	CP	mg/kg	42	29	39	30%	Fail	Q15
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No48452	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No48452	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No48452	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No48452	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-No48455	CP	%	20	21	4.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-No48456	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-No48456	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-No48456	CP	mg/kg	57	53	8.0	30%	Pass	
TRH >C10-C16	S21-No48456	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-No48456	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-No48456	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1-Chloronaphthalene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No48456	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Naphthylamine	S21-No48456	CP	mg/kg	< 1	< 1	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Nitroaniline	S21-No48456	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No48456	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3-Methylcholanthrene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDD	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No48456	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No48456	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No48456	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No48456	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No48456	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No48456	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No48456	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No48456	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No48456	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tetrachlorvinphos	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No48456	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No48458	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No48458	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No48458	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No48458	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No48458	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No48458	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No48458	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No48458	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Dichlorodifluoromethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No48458	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-No48462	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2.4-Dinitrophenol	S21-No48462	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-No48462	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-No48462	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-No48462	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Pentachloronitrobenzene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-No48462	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-No48462	CP	mg/kg	6.9	7.1	3.0	30%	Pass	
Cadmium	S21-No48462	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-No48462	CP	mg/kg	32	30	6.0	30%	Pass	
Copper	S21-No48462	CP	mg/kg	42	33	23	30%	Pass	
Lead	S21-No48462	CP	mg/kg	24	20	19	30%	Pass	
Mercury	S21-No48462	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-No48462	CP	mg/kg	17	18	3.0	30%	Pass	
Zinc	S21-No48462	CP	mg/kg	67	59	13	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-No48462	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-No48462	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-No48462	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-No48462	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Ethoprop	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-No48462	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-No48462	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-No48462	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No48466	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No48466	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No48466	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No48466	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No48466	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No48466	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No48466	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No48466	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
4-Methyl-2-pentanone (MIBK)	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No48466	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No48471	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No48471	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No48471	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No48471	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No48629	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No48629	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No48629	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No48629	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-No48630	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-No48630	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-No48630	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-No48630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-No48631	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-No48631	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-No48631	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-No48631	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-No48631	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-No48631	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-No48631	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-No48631	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-No48631	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
G01	The LORs have been raised due to matrix interference
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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DRAFT

Fw: 0571466 - Silica Gel Cleanup

John Nguyen <JohnNguyen@eurofins.com>

Mon 11/29/2021 11:19 AM

To: #AU04_Enviro_Sample_NSW <EnviroSampleNSW@eurofins.com>

Cc: Ryan Phillips <RyanPhillips@eurofins.com>; Roopesh Rangarajan <RoopeshRangarajan@eurofins.com>

Hi SR,

Please log the following addi onal Silica Gel Cleanup on 3-day TAT.

Kind Regards,
John Nguyen

Analy cal Services Manager
Eurofins | Environment Tes ng
Unit F3, Parkview Building
16 Mars Road
LANE COVE WEST NSW 2066
AUSTRALIA

Mobile: +61 459 816 743
Email: johnnguyen@eurofins.com
Website: www.eurofins.com.au/environmental-tes ng

For sample receipt enquiries (eg. SRAs, changes to analysis) please contact EnvirosampleNSW@eurofins.com or 02 9900 8421 (7am – 12am).
For despatch enquiries (eg. courier bookings, bo le orders) please contact AU04_Despatch_SYD@eurofins.com or 0488 400 929 (8am – 4pm).

From: Jack Emblen <Jack.Emblen@erm.com>
Sent: Monday, November 29, 2021 9:10 AM
To: John Nguyen <JohnNguyen@eurofins.com>
Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>
Subject: 0571466 - Silica Gel Cleanup

EXTERNAL EMAIL*

Hi John,

Can ERM please get silica gel cleanup on the following samples from job 0571466 please (Eurofins lab report reference in brackets):

- TP167_0.1 [836571]
- IB_TP60_0.1 [835522]
- IB_TP45_0.1 [835522]
- IB_TP44_0.1 [835522]
- IB_TP03_0.1 [836571]
- IB_TP61_0.1 [835522]
- IB_TP11_0.3 [836571]

Kind Regards,

Jack Emblen
Environmental Consultant

DRAFT

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

This email, including any attachments, is confidential and may be legally privileged (and neither is waived or lost by mistaken delivery). It is also only for the use of the intended recipient. If you are not the intended recipient, or the person responsible for delivering this to the intended recipient, unauthorised reading, copying, or distributing this message is expressly prohibited. Please notify us if you have received this email in error and promptly delete it from your system. The ERM group of companies has systems in place to encourage a virus free software environment, however we cannot be liable for any loss or damage, corruption or distortion of electronically transmitted information, or for any changes made to this information during transferral or after receipt by the recipient. Our liability in connection with this email (including due to viruses in any attachments) is limited to re-supplying this email and its attachments.

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* WARNING - EXTERNAL: This email originated from outside of Eurofins. Do not click any links or open any a achments unless you trust the sender and know that the content is safe!

DRAFT

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

DRAFT

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www.eurofins.com.au EnviroSales@eurofins.com

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NATA # 1261 Site # 18217

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NATA # 1261 Site # 20794

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Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Jack Emblen
Project name:	ADDITIONAL: WPCA BCC
Project ID:	0571466
Turnaround time:	3 Day
Date/Time received	Nov 29, 2021 9:10 AM
Eurofins reference	846063

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Jack Emblen - jack.emblen@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: ADDITIONAL: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 846063
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 29, 2021 9:10 AM
Due: Dec 2, 2021
Priority: 3 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						TRH (after Silica Gel cleanup)	Moisture Set
Melbourne Laboratory - NATA # 1261 Site # 1254							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X
Brisbane Laboratory - NATA # 1261 Site # 20794							
Mayfield Laboratory - NATA # 1261 Site # 25079							
Perth Laboratory - NATA # 2377 Site # 2370							
External Laboratory							
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**		
1	AI_TP167_0.1	Oct 27, 2021		Soil	S21-De03319	X	X
2	AI_IB_TP60_0.1	Oct 27, 2021		Soil	S21-De03320	X	X
3	AI_IB_TP45_0.1	Oct 27, 2021		Soil	S21-De03321	X	X
4	AI_IB_TP44_0.1	Oct 27, 2021		Soil	S21-De03322	X	X
5	AI_IB_TP03_0.1	Oct 27, 2021		Soil	S21-De03323	X	X
6	AI_IB_TP61_0.1	Oct 27, 2021		Soil	S21-De03324	X	X

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Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: ADDITIONAL: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 846063
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 29, 2021 9:10 AM
Due: Dec 2, 2021
Priority: 3 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						TRH (after Silica Gel cleanup)	Moisture Set
Melbourne Laboratory - NATA # 1261 Site # 1254							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X
Brisbane Laboratory - NATA # 1261 Site # 20794							
Mayfield Laboratory - NATA # 1261 Site # 25079							
Perth Laboratory - NATA # 2377 Site # 2370							
External Laboratory							
7	AI_IB_TP11_0.3	Oct 27, 2021		Soil	S21-De03325	X	X
Test Counts						7	7

DRAFT

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Jack Emblen**

Report **846063-S-V2**
Project name ADDITIONAL: WPCA BCC
Project ID 0571466
Received Date Nov 29, 2021

Client Sample ID			**AI_TP167_0.1**	**AI_IB_TP60_0.1**	**AI_IB_TP45_0.1**	**AI_IB_TP44_0.1**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De03319**	**S21-De03320**	**S21-De03321**	**S21-De03322**
Date Sampled			**Oct 27, 2021**	**Oct 27, 2021**	**Oct 27, 2021**	**Oct 27, 2021**
Test/Reference	LOR	Unit				
TRH - 2013 NEPM Fractions (after silica gel clean-up)						
TRH >C10-C16 (after silica gel clean-up)	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total) (after silica-gel clean up)*	100	mg/kg	< 100	< 100	< 100	< 100
TRH - 1999 NEPM Fractions (after silica gel clean-up)						
TRH C10-C14 (after silica gel clean-up)	50	mg/kg	< 50	< 50	< 50	< 50
TRH C15-C28 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100	< 100
TRH C29-C36 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100	< 100
TRH C10-C36 (Total) (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100	< 100
% Moisture	1	%	43	16	13	11

Client Sample ID			**AI_IB_TP03_0.1**	**AI_IB_TP61_0.1**	**AI_IB_TP11_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De03323**	**S21-De03324**	**S21-De03325**
Date Sampled			**Oct 27, 2021**	**Oct 27, 2021**	**Oct 27, 2021**
Test/Reference	LOR	Unit			
TRH - 2013 NEPM Fractions (after silica gel clean-up)					
TRH >C10-C16 (after silica gel clean-up)	50	mg/kg	< 50	< 50	< 50
TRH >C16-C34 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100
TRH >C34-C40 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100
TRH >C10-C40 (total) (after silica-gel clean up)*	100	mg/kg	< 100	< 100	< 100
TRH - 1999 NEPM Fractions (after silica gel clean-up)					
TRH C10-C14 (after silica gel clean-up)	50	mg/kg	< 50	< 50	< 50
TRH C15-C28 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100
TRH C29-C36 (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100
TRH C10-C36 (Total) (after silica gel clean-up)	100	mg/kg	< 100	< 100	< 100
% Moisture	1	%	17	18	14

DRAFT

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
TRH - 2013 NEPM Fractions (after silica gel clean-up)	Sydney	Dec 02, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
TRH - 1999 NEPM Fractions (after silica gel clean-up)	Sydney	Dec 02, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
% Moisture	Sydney	Dec 01, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: ADDITIONAL: WPCA BCC
Project ID: 0571466

Order No.:
Report #: 846063
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 29, 2021 9:10 AM
Due: Dec 2, 2021
Priority: 3 Day
Contact Name: Jack Emblen

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						TRH (after Silica Gel cleanup)	Moisture Set
Melbourne Laboratory - NATA # 1261 Site # 1254							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X
Brisbane Laboratory - NATA # 1261 Site # 20794							
Mayfield Laboratory - NATA # 1261 Site # 25079							
Perth Laboratory - NATA # 2377 Site # 2370							
External Laboratory							
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**		
1	AI_TP167_0.1	Oct 27, 2021		Soil	S21-De03319	X	X
2	AI_IB_TP60_0.1	Oct 27, 2021		Soil	S21-De03320	X	X
3	AI_IB_TP45_0.1	Oct 27, 2021		Soil	S21-De03321	X	X
4	AI_IB_TP44_0.1	Oct 27, 2021		Soil	S21-De03322	X	X
5	AI_IB_TP03_0.1	Oct 27, 2021		Soil	S21-De03323	X	X
6	AI_IB_TP61_0.1	Oct 27, 2021		Soil	S21-De03324	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X
Brisbane Laboratory - NATA # 1261 Site # 20794							
Mayfield Laboratory - NATA # 1261 Site # 25079							
Perth Laboratory - NATA # 2377 Site # 2370							
External Laboratory							
7	AI_IB_TP11_0.3	Oct 27, 2021		Soil	S21-De03325	X	X
Test Counts						7	7

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
TRH - 2013 NEPM Fractions (after silica gel clean-up)							
TRH >C10-C16 (after silica gel clean-up)	mg/kg	< 50			50	Pass	
TRH >C16-C34 (after silica gel clean-up)	mg/kg	< 100			100	Pass	
TRH >C34-C40 (after silica gel clean-up)	mg/kg	< 100			100	Pass	
Method Blank							
TRH - 1999 NEPM Fractions (after silica gel clean-up)							
TRH C10-C14 (after silica gel clean-up)	mg/kg	< 50			50	Pass	
TRH C15-C28 (after silica gel clean-up)	mg/kg	< 100			100	Pass	
TRH C29-C36 (after silica gel clean-up)	mg/kg	< 100			100	Pass	
LCS - % Recovery							
TRH - 2013 NEPM Fractions (after silica gel clean-up)							
TRH >C10-C16 (after silica gel clean-up)	%	93			70-130	Pass	
LCS - % Recovery							
TRH - 1999 NEPM Fractions (after silica gel clean-up)							
TRH C10-C14 (after silica gel clean-up)	%	98			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
TRH - 2013 NEPM Fractions (after silica gel clean-up)				Result 1					
TRH >C10-C16 (after silica gel clean-up)	S21-De03320	CP	%	77			70-130	Pass	
Spike - % Recovery									
TRH - 1999 NEPM Fractions (after silica gel clean-up)				Result 1					
TRH C10-C14 (after silica gel clean-up)	S21-De03320	CP	%	80			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1	Result 2	RPD	Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
TRH - 2013 NEPM Fractions (after silica gel clean-up)				Result 1	Result 2	RPD			
TRH >C10-C16 (after silica gel clean-up)	S21-De03319	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34 (after silica gel clean-up)	S21-De03319	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40 (after silica gel clean-up)	S21-De03319	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
TRH - 1999 NEPM Fractions (after silica gel clean-up)				Result 1	Result 2	RPD			
TRH C10-C14 (after silica gel clean-up)	S21-De03319	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C15-C28 (after silica gel clean-up)	S21-De03319	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH C29-C36 (after silica gel clean-up)	S21-De03319	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De03207	NCP	%	18	19	4.0	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
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☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where multiples are requested, please specify 'Total' or 'Filtered'. SUITE code must be used to attract SUITE pricing)

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	Containers (Change container type & size if necessary): 500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP225_0.1	17/12/21	S	X												*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP225_0.4				X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP216_0.1			X	X											
4	TP216_0.4				X											
5	TP197_0.1			X												
6	TP197_0.4				X											
7	TP179_0.1			X												
8	TP179_0.4				X											
9	TP184_0.1			X												
10	TP184_0.4				X											
	Total Counts															

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Jack Emblen	Signature		Date	17.12.2021	Time 17:00
Laboratory Use Only	Received By	Aranj	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	20/12	Time	8:47pm	Temperature 33.9
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 052528

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☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where metals are required, please specify "total" or "filtered". SUITE code must be used to select SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP178_0.1	17/12/21	S	X												*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP178_0.4				X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP177_0.1			X												
4	TP177_0.4				X											
5	TP173_0.1			X												
6	TP173_0.4				X											
7	TP66_0.1			X												
8	TP66_0.4				X											
9	TP42_0.1			X												
10	TP42_0.4				X											
	Total Counts															

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only											
	Received By	Aranj	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	B	Date	20/12	Time	3.47pm	Temperature	33.9
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	

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Eurofins | Environment Testing ABN 50 005 085 521

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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

3/6

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where metals are required, please specify "Total" or "Filtered". SUITE code must be used to direct SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP32_0.1	17/12/21	S	X												*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP32_0.4				X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP18_0.2			X												
4	TP25_0.1			X												
5	TP25_0.3				X											
6	TP23_0.1			X												
7	TP23_0.4				X											
8	TP16_0.1			X												
9	TP16_0.3				X											
10	TP06_0.1			X												
	Total Counts															

Method of Shipment						
☐ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Signature	Date	Time

Laboratory Use Only											
Received By	Aranj	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	A	Date	20/12	Time	3.47pm	Temperature	33.9
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	

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...009_R10 Modified by Dr R Symons Approved by G Jackson Approved on 8 August 201...

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CHAIN OF CUSTODY RECORD

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☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analytes (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦ ☐ Same day♦ ☐ 1 day♦ ☐ 2 days♦ ☐ 3 days♦ ☐ 5 days (Standard) ☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP06_0.5	17/12/21	S		X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP09_0.1			X												**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP09_0.4				X											
4	TP14_0.1			X												
5	TP14_0.4				X											
6	TP24_0.1			X												
7	TP24_0.3				X											
8	TP19_0.1			X												
9	TP19_0.3				X											
10	TP45_0.1			X												
	Total Counts															

Method of Shipment	☐ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Signature	Date	Time

Laboratory Use Only	Received By	Aranu	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	20/12	Time	3:47pm	Temperature	33.9
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	

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☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to unload SOLTE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked.)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦ ☐ Same day♦ ☐ 1 day♦ ☐ 2 days♦ ☐ 3 days♦ ☐ 5 days (Standard) ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP45_0.3	17/12/21	S		X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP67_0.1			X												**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP67_0.4				X											
4	TP20_0.1			X												
5	TP20_0.4				X											
6	TP36_0.1			X												
7	TP36_0.4				X											
8	20211217_D01				X											
9	20211217_D02		↓		X											
10	TS/TB	↓	W			X										
	Total Counts															

Method of Shipment		Name	Signature	Date	Time
	☐ Courier (#) ☐ Hand Delivered ☐ Postal				

Laboratory Use Only											
	Received By	Aranj	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	20/12	Time	3.47pm	Temperature	33.9
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	

Eurofins Environment Testing Australia Pty Ltd

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EN3009_R10 Modified by Dr R Symons Approved by G Jackson Approved on 8 August 2019

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
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Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where metals are requested, please specify 'Total' or 'Filtered'. SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary.)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix (Solid (S) Water (W))	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	20211217_T01	17/12/21	S		X							PLEASE SEND ALS				*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	20211217_T02	↓	↓		X							PLEASE SEND ALS				**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3																
4																
5																
6																
7																
8																
9																
10																
	Total Counts															

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Method of Shipment	☐ Courier (#) ☐ Hand Delivered ☐ Postal	Name		Signature		Date	Time
Laboratory Use Only	Received By: Army	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature: B	Date: 20/12	Time: 3:47pm	Temperature: 33.9	
	Received By:	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature:	Date:	Time:	Report №	

852528

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

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Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	BRADFIELD CITY CENTRE
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Dec 20, 2021 3:47 PM
Eurofins reference	852528

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✗	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

PFAS tub for 20212117_D01 not received, analysis canceled. TS/TB not received. TP82_0.1 received as an extra sample.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 852528
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 20, 2021 3:47 PM
Due: Dec 29, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	AI_TP225_0.1	Dec 17, 2021		Soil	S21-De52978	X			X		X	X	X
2	AI_TP225_0.4	Dec 17, 2021		Soil	S21-De52979				X	X		X	X
3	AI_TP216_0.1	Dec 17, 2021		Soil	S21-De52980	X			X		X	X	X
4	AI_TP216_0.4	Dec 17, 2021		Soil	S21-De52981				X	X		X	X
5	AI_TP197_0.1	Dec 17, 2021		Soil	S21-De52982	X			X		X	X	X
6	AI_TP197_0.4	Dec 17, 2021		Soil	S21-De52983				X	X		X	X
7	AI_TP179_0.1	Dec 17, 2021		Soil	S21-De52984	X			X		X	X	X
8	AI_TP179_0.4	Dec 17, 2021		Soil	S21-De52985				X	X		X	X
9	AI_TP184_0.1	Dec 17, 2021		Soil	S21-De52986	X			X		X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
10	AI_TP184_0.4	Dec 17, 2021		Soil	S21-De52987				X	X		X	X
11	AI_TP178_0.1	Dec 17, 2021		Soil	S21-De52988	X			X		X	X	X
12	AI_TP178_0.4	Dec 17, 2021		Soil	S21-De52989				X	X		X	X
13	AI_TP177_0.1	Dec 17, 2021		Soil	S21-De52990	X			X		X	X	X
14	AI_TP177_0.4	Dec 17, 2021		Soil	S21-De52991				X	X		X	X
15	AI_TP173_0.1	Dec 17, 2021		Soil	S21-De52992	X			X		X	X	X
16	AI_TP173_0.4	Dec 17, 2021		Soil	S21-De52993				X	X		X	X
17	AI_TP66_0.1	Dec 17, 2021		Soil	S21-De52994	X			X		X	X	X
18	AI_TP66_0.4	Dec 17, 2021		Soil	S21-De52995				X	X		X	X
19	AI_TP42_0.1	Dec 17, 2021		Soil	S21-De52996	X			X		X	X	X
20	AI_TP42_0.4	Dec 17, 2021		Soil	S21-De52997				X	X		X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
21	AI_TP32_0.1	Dec 17, 2021		Soil	S21-De52998	X			X		X	X	X
22	AI_TP32_0.4	Dec 17, 2021		Soil	S21-De52999				X	X		X	X
23	AI_TP18_0.2	Dec 17, 2021		Soil	S21-De53000	X			X		X	X	X
24	AI_TP25_0.1	Dec 17, 2021		Soil	S21-De53001	X			X		X	X	X
25	AI_TP25_0.3	Dec 17, 2021		Soil	S21-De53002				X	X		X	X
26	AI_TP23_0.1	Dec 17, 2021		Soil	S21-De53003	X			X		X	X	X
27	AI_TP23_0.4	Dec 17, 2021		Soil	S21-De53004				X	X		X	X
28	AI_TP16_0.1	Dec 17, 2021		Soil	S21-De53005	X			X		X	X	X
29	AI_TP16_0.3	Dec 17, 2021		Soil	S21-De53006				X	X		X	X
30	AI_TP6_0.1	Dec 17, 2021		Soil	S21-De53007	X			X		X	X	X
31	AI_TP6_0.5	Dec 17, 2021		Soil	S21-De53008				X	X		X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
32	AI_TP9_0.1	Dec 17, 2021		Soil	S21-De53009	X			X		X	X	X
33	AI_TP9_0.4	Dec 17, 2021		Soil	S21-De53010				X	X		X	X
34	AI_TP14_0.1	Dec 17, 2021		Soil	S21-De53011	X			X		X	X	X
35	AI_TP14_0.4	Dec 17, 2021		Soil	S21-De53012				X	X		X	X
36	AI_TP24_0.1	Dec 17, 2021		Soil	S21-De53013	X			X		X	X	X
37	AI_TP24_0.3	Dec 17, 2021		Soil	S21-De53014				X	X		X	X
38	AI_TP19_0.1	Dec 17, 2021		Soil	S21-De53015	X			X		X	X	X
39	AI_TP19_0.3	Dec 17, 2021		Soil	S21-De53016				X	X		X	X
40	AI_TP45_0.1	Dec 17, 2021		Soil	S21-De53017	X			X		X	X	X
41	AI_TP45_0.3	Dec 17, 2021		Soil	S21-De53018				X	X		X	X
42	AI_TP67_0.1	Dec 17, 2021		Soil	S21-De53019	X			X		X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
43	AI_TP67_0.4	Dec 17, 2021		Soil	S21-De53020				X	X		X	X
44	AI_TP20_0.1	Dec 17, 2021		Soil	S21-De53021	X			X		X	X	X
45	AI_TP20_0.4	Dec 17, 2021		Soil	S21-De53022				X	X		X	X
46	AI_TP36_0.1	Dec 17, 2021		Soil	S21-De53023	X			X		X	X	X
47	AI_TP36_0.4	Dec 17, 2021		Soil	S21-De53024				X	X		X	X
48	AI_20212117_D01	Dec 17, 2021		Soil	S21-De53025				X	X		X	
49	AI_20212117_D02	Dec 17, 2021		Soil	S21-De53026				X	X		X	X
50	AI_TS	Dec 17, 2021		Soil	S21-De53027		X						
51	AI_TB	Dec 17, 2021		Soil	S21-De53028		X						

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Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
52	AI_TS LAB	Dec 17, 2021		Soil	S21-De53029		X						
53	AI_TP82_0.1	Dec 17, 2021		Soil	S21-De53363			X					
Test Counts						24	3	1	49	25	24	49	48

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	852528-AID-V2
Project Name	BRADFIELD CITY CENTRE
Project ID	0571466
Received Date	Dec 20, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name BRADFIELD CITY CENTRE
Project ID 0571466
Date Sampled Dec 17, 2021
Report 852528-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP225_0.1	21-De52978	Dec 17, 2021	Approximate Sample 468g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP216_0.1	21-De52980	Dec 17, 2021	Approximate Sample 453g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP197_0.1	21-De52982	Dec 17, 2021	Approximate Sample 543g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP179_0.1	21-De52984	Dec 17, 2021	Approximate Sample 446g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP184_0.1	21-De52986	Dec 17, 2021	Approximate Sample 548g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP178_0.1	21-De52988	Dec 17, 2021	Approximate Sample 468g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP177_0.1	21-De52990	Dec 17, 2021	Approximate Sample 548g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP173_0.1	21-De52992	Dec 17, 2021	Approximate Sample 629g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP66_0.1	21-De52994	Dec 17, 2021	Approximate Sample 518g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP42_0.1	21-De52996	Dec 17, 2021	Approximate Sample 550g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP32_0.1	21-De52998	Dec 17, 2021	Approximate Sample 523g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP18_0.2	21-De53000	Dec 17, 2021	Approximate Sample 37g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP25_0.1	21-De53001	Dec 17, 2021	Approximate Sample 555g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP23_0.1	21-De53003	Dec 17, 2021	Approximate Sample 557g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP16_0.1	21-De53005	Dec 17, 2021	Approximate Sample 647g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP6_0.1	21-De53007	Dec 17, 2021	Approximate Sample 594g Sample consisted of: Grey coarse-grained clayey soil, organic debris, charcoal and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP9_0.1	21-De53009	Dec 17, 2021	Approximate Sample 35g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP14_0.1	21-De53011	Dec 17, 2021	Approximate Sample 642g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP24_0.1	21-De53013	Dec 17, 2021	Approximate Sample 542g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP19_0.1	21-De53015	Dec 17, 2021	Approximate Sample 638g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP45_0.1	21-De53017	Dec 17, 2021	Approximate Sample 694g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP67_0.1	21-De53019	Dec 17, 2021	Approximate Sample 697g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP20_0.1	21-De53021	Dec 17, 2021	Approximate Sample 596g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP36_0.1	21-De53023	Dec 17, 2021	Approximate Sample 634g Sample consisted of: Grey coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Dec 22, 2021	Indefinite

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 852528
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 20, 2021 3:47 PM
Due: Dec 29, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	AI_TP225_0.1	Dec 17, 2021		Soil	S21-De52978	X			X		X	X	X
2	AI_TP225_0.4	Dec 17, 2021		Soil	S21-De52979				X	X		X	X
3	AI_TP216_0.1	Dec 17, 2021		Soil	S21-De52980	X			X		X	X	X
4	AI_TP216_0.4	Dec 17, 2021		Soil	S21-De52981				X	X		X	X
5	AI_TP197_0.1	Dec 17, 2021		Soil	S21-De52982	X			X		X	X	X
6	AI_TP197_0.4	Dec 17, 2021		Soil	S21-De52983				X	X		X	X
7	AI_TP179_0.1	Dec 17, 2021		Soil	S21-De52984	X			X		X	X	X
8	AI_TP179_0.4	Dec 17, 2021		Soil	S21-De52985				X	X		X	X
9	AI_TP184_0.1	Dec 17, 2021		Soil	S21-De52986	X			X		X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
10	AI_TP184_0.4	Dec 17, 2021		Soil	S21-De52987				X	X		X	X
11	AI_TP178_0.1	Dec 17, 2021		Soil	S21-De52988	X			X		X	X	X
12	AI_TP178_0.4	Dec 17, 2021		Soil	S21-De52989				X	X		X	X
13	AI_TP177_0.1	Dec 17, 2021		Soil	S21-De52990	X			X		X	X	X
14	AI_TP177_0.4	Dec 17, 2021		Soil	S21-De52991				X	X		X	X
15	AI_TP173_0.1	Dec 17, 2021		Soil	S21-De52992	X			X		X	X	X
16	AI_TP173_0.4	Dec 17, 2021		Soil	S21-De52993				X	X		X	X
17	AI_TP66_0.1	Dec 17, 2021		Soil	S21-De52994	X			X		X	X	X
18	AI_TP66_0.4	Dec 17, 2021		Soil	S21-De52995				X	X		X	X
19	AI_TP42_0.1	Dec 17, 2021		Soil	S21-De52996	X			X		X	X	X
20	AI_TP42_0.4	Dec 17, 2021		Soil	S21-De52997				X	X		X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
21	AI_TP32_0.1	Dec 17, 2021		Soil	S21-De52998	X			X		X	X	X
22	AI_TP32_0.4	Dec 17, 2021		Soil	S21-De52999				X	X		X	X
23	AI_TP18_0.2	Dec 17, 2021		Soil	S21-De53000	X			X		X	X	X
24	AI_TP25_0.1	Dec 17, 2021		Soil	S21-De53001	X			X		X	X	X
25	AI_TP25_0.3	Dec 17, 2021		Soil	S21-De53002				X	X		X	X
26	AI_TP23_0.1	Dec 17, 2021		Soil	S21-De53003	X			X		X	X	X
27	AI_TP23_0.4	Dec 17, 2021		Soil	S21-De53004				X	X		X	X
28	AI_TP16_0.1	Dec 17, 2021		Soil	S21-De53005	X			X		X	X	X
29	AI_TP16_0.3	Dec 17, 2021		Soil	S21-De53006				X	X		X	X
30	AI_TP6_0.1	Dec 17, 2021		Soil	S21-De53007	X			X		X	X	X
31	AI_TP6_0.5	Dec 17, 2021		Soil	S21-De53008				X	X		X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
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Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
32	AI_TP9_0.1	Dec 17, 2021		Soil	S21-De53009	X			X		X	X	X
33	AI_TP9_0.4	Dec 17, 2021		Soil	S21-De53010				X	X		X	X
34	AI_TP14_0.1	Dec 17, 2021		Soil	S21-De53011	X			X		X	X	X
35	AI_TP14_0.4	Dec 17, 2021		Soil	S21-De53012				X	X		X	X
36	AI_TP24_0.1	Dec 17, 2021		Soil	S21-De53013	X			X		X	X	X
37	AI_TP24_0.3	Dec 17, 2021		Soil	S21-De53014				X	X		X	X
38	AI_TP19_0.1	Dec 17, 2021		Soil	S21-De53015	X			X		X	X	X
39	AI_TP19_0.3	Dec 17, 2021		Soil	S21-De53016				X	X		X	X
40	AI_TP45_0.1	Dec 17, 2021		Soil	S21-De53017	X			X		X	X	X
41	AI_TP45_0.3	Dec 17, 2021		Soil	S21-De53018				X	X		X	X
42	AI_TP67_0.1	Dec 17, 2021		Soil	S21-De53019	X			X		X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
43	AI_TP67_0.4	Dec 17, 2021		Soil	S21-De53020				X	X		X	X
44	AI_TP20_0.1	Dec 17, 2021		Soil	S21-De53021	X			X		X	X	X
45	AI_TP20_0.4	Dec 17, 2021		Soil	S21-De53022				X	X		X	X
46	AI_TP36_0.1	Dec 17, 2021		Soil	S21-De53023	X			X		X	X	X
47	AI_TP36_0.4	Dec 17, 2021		Soil	S21-De53024				X	X		X	X
48	AI_20212117_D01	Dec 17, 2021		Soil	S21-De53025				X	X		X	
49	AI_20212117_D02	Dec 17, 2021		Soil	S21-De53026				X	X		X	X
50	AI_TS	Dec 17, 2021		Soil	S21-De53027		X						
51	AI_TB	Dec 17, 2021		Soil	S21-De53028		X						

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 852528
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 20, 2021 3:47 PM
Due: Dec 29, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
52	AI_TS LAB	Dec 17, 2021		Soil	S21-De53029		X						
53	AI_TP82_0.1	Dec 17, 2021		Soil	S21-De53363			X					
Test Counts						24	3	1	49	25	24	49	48

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Samples De53000 & De53009 received were not collected in an approved asbestos bag and was therefore sub-sampled from the 250mL glass jar. Valid sub-sampling procedures were applied so as to ensure that the sub-samples to be analysed accurately represented the samples received.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	No
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Bennel Jiri	Senior Analyst-Asbestos (NSW)

Authorised by:

Charl Du Preez	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **852528-S-V2**
Project name BRADFIELD CITY CENTRE
Project ID 0571466
Received Date Dec 20, 2021

Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De52978**	**S21-De52979**	**S21-De52980**	**S21-De52981**
Date Sampled			**Dec 17, 2021**	**Dec 17, 2021**	**Dec 17, 2021**	**Dec 17, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	102	99	92	96
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52978	S21-De52979	S21-De52980	S21-De52981
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	102	99	92	96
Toluene-d8 (surr.)	1	%	109	93	95	103

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Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52978	S21-De52979	S21-De52980	S21-De52981
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	83	74	93	85
p-Terphenyl-d14 (surr.)	1	%	99	57	100	109
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	83	74	93	85
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52978	S21-De52979	S21-De52980	S21-De52981
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	44	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52978	S21-De52979	S21-De52980	S21-De52981
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	102	78	117	102
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	60	81	61	71
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	2.6	< 2	5.7	6.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	9.6	16	20
Copper	5	mg/kg	15	13	19	19
Lead	5	mg/kg	8.7	7.1	18	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.5	< 5	10	10
Zinc	5	mg/kg	17	11	28	26
% Moisture	1	%	17	18	18	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52978	S21-De52979	S21-De52980	S21-De52981
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	97	92	92	91
13C5-PFPeA (surr.)	1	%	96	97	101	76
13C5-PFHxA (surr.)	1	%	99	90	96	96
13C4-PFHpA (surr.)	1	%	90	83	95	83
13C8-PFOA (surr.)	1	%	99	96	105	87
13C5-PFNA (surr.)	1	%	85	68	74	92
13C6-PFDA (surr.)	1	%	104	114	101	90
13C2-PFUnDA (surr.)	1	%	84	79	74	68
13C2-PFDoDA (surr.)	1	%	93	95	86	82
13C2-PFTeDA (surr.)	1	%	90	86	74	96
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	92	83	89	91
D3-N-MeFOSA (surr.)	1	%	94	97	84	86
D5-N-EtFOSA (surr.)	1	%	116	128	114	102
D7-N-MeFOSE (surr.)	1	%	107	123	121	99
D9-N-EtFOSE (surr.)	1	%	111	130	98	123
D5-N-EtFOSAA (surr.)	1	%	89	86	86	86
D3-N-MeFOSAA (surr.)	1	%	97	89	94	87
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	107	105	91
18O2-PFHxS (surr.)	1	%	101	97	95	85
13C8-PFOS (surr.)	1	%	94	93	92	89

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Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52978	S21-De52979	S21-De52980	S21-De52981
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	105	108	136	92
13C2-6:2 FTSA (surr.)	1	%	50	66	76	97
13C2-8:2 FTSA (surr.)	1	%	67	98	111	124
13C2-10:2 FTSA (surr.)	1	%	85	85	87	89
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	58	-	97
Tetrachloro-m-xylene (surr.)	1	%	-	68	-	112

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Client Sample ID			AI_TP225_0.1	AI_TP225_0.4	AI_TP216_0.1	AI_TP216_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52978	S21-De52979	S21-De52980	S21-De52981
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	69	-	103

Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	103	87	97
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	103	87	97
Toluene-d8 (surr.)	1	%	95	114	91	107
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	78	101	78
p-Terphenyl-d14 (surr.)	1	%	121	73	110	123

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	78	101	78
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	128	88	121	89
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	77	85	65	69
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.3	8.4	7.2	6.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	25	19	22
Copper	5	mg/kg	11	23	22	27
Lead	5	mg/kg	14	13	22	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.2	11	12	12
Zinc	5	mg/kg	9.9	29	39	28
% Moisture	1	%	22	23	20	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	79	103	99	96
13C5-PFPeA (surr.)	1	%	75	100	86	96
13C5-PFHxA (surr.)	1	%	81	106	98	90
13C4-PFHpA (surr.)	1	%	73	96	101	86
13C8-PFOA (surr.)	1	%	84	103	95	102
13C5-PFNA (surr.)	1	%	76	76	90	69
13C6-PFDA (surr.)	1	%	84	110	101	115
13C2-PFUnDA (surr.)	1	%	69	82	75	75
13C2-PFDoDA (surr.)	1	%	78	98	91	94
13C2-PFTeDA (surr.)	1	%	70	80	73	86

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	68	85	95	88
D3-N-MeFOSA (surr.)	1	%	72	94	79	105
D5-N-EtFOSA (surr.)	1	%	86	134	111	127
D7-N-MeFOSE (surr.)	1	%	76	114	113	139
D9-N-EtFOSE (surr.)	1	%	104	121	116	125
D5-N-EtFOSAA (surr.)	1	%	66	89	91	80
D3-N-MeFOSAA (surr.)	1	%	74	99	95	83
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	95	108	106	107
18O2-PFHxS (surr.)	1	%	80	104	95	112
13C8-PFOS (surr.)	1	%	77	99	95	99
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	138	113	170	126
13C2-6:2 FTSA (surr.)	1	%	68	66	132	52
13C2-8:2 FTSA (surr.)	1	%	76	100	121	91
13C2-10:2 FTSA (surr.)	1	%	74	91	105	81
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	61	-	104
Tetrachloro-m-xylene (surr.)	1	%	-	75	-	118
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2

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Client Sample ID			AI_TP197_0.1	AI_TP197_0.4	AI_TP179_0.1	AI_TP179_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52982	S21-De52983	S21-De52984	S21-De52985
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	74	-	103

Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	93	93	96	104
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	93	93	96	104
Toluene-d8 (surr.)	1	%	94	99	99	108
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	99	67	81	91
p-Terphenyl-d14 (surr.)	1	%	117	112	107	120
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	99	67	81	91
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	128	83	103	119
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	68	68	52	67
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.3	6.5	8.2	7.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	21	22	23
Copper	5	mg/kg	20	26	25	31
Lead	5	mg/kg	22	14	22	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.6	12	13	9.9
Zinc	5	mg/kg	29	29	53	37
% Moisture	1	%	24	18	22	20

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Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	99	97	98	103
13C5-PFPeA (surr.)	1	%	91	91	93	91
13C5-PFHxA (surr.)	1	%	112	106	101	111
13C4-PFHpA (surr.)	1	%	95	86	90	92
13C8-PFOA (surr.)	1	%	99	96	104	107
13C5-PFNA (surr.)	1	%	78	76	76	84
13C6-PFDA (surr.)	1	%	112	113	105	110
13C2-PFUnDA (surr.)	1	%	85	85	78	93
13C2-PFDoDA (surr.)	1	%	96	97	97	102
13C2-PFTeDA (surr.)	1	%	86	91	84	91
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	88	84	85	86
D3-N-MeFOSA (surr.)	1	%	98	96	86	93
D5-N-EtFOSA (surr.)	1	%	113	127	121	118
D7-N-MeFOSE (surr.)	1	%	120	135	128	99
D9-N-EtFOSE (surr.)	1	%	116	132	127	116
D5-N-EtFOSAA (surr.)	1	%	90	85	85	91
D3-N-MeFOSAA (surr.)	1	%	97	87	96	104
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	104	114	107

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Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	105	94	100	107
13C8-PFOS (surr.)	1	%	96	96	100	104
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	100	132	132	131
13C2-6:2 FTSA (surr.)	1	%	91	83	75	47
13C2-8:2 FTSA (surr.)	1	%	95	76	108	109
13C2-10:2 FTSA (surr.)	1	%	97	97	93	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	99	-	90
Tetrachloro-m-xylene (surr.)	1	%	-	125	-	122

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Client Sample ID			AI_TP184_0.1	AI_TP184_0.4	AI_TP178_0.1	AI_TP178_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52986	S21-De52987	S21-De52988	S21-De52989
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	102	-	102

Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	98	98	96	67
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	98	98	96	67
Toluene-d8 (surr.)	1	%	101	109	102	67
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	86	79	135	62
p-Terphenyl-d14 (surr.)	1	%	116	111	INT	147

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	86	79	135	62
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	115	102	125	56
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	56	56	102	107
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.4	7.4	12	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	23	27	30
Copper	5	mg/kg	21	28	17	30
Lead	5	mg/kg	20	13	24	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	14	12	7.0	11
Zinc	5	mg/kg	33	37	22	36
% Moisture	1	%	22	21	19	21
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	99	100	97	102
13C5-PFPeA (surr.)	1	%	101	89	95	97
13C5-PFHxA (surr.)	1	%	101	109	102	102
13C4-PFHpA (surr.)	1	%	100	88	102	98
13C8-PFOA (surr.)	1	%	101	110	108	99
13C5-PFNA (surr.)	1	%	89	76	77	83
13C6-PFDA (surr.)	1	%	131	124	126	129
13C2-PFUnDA (surr.)	1	%	91	78	84	87
13C2-PFDoDA (surr.)	1	%	99	100	96	98
13C2-PFTeDA (surr.)	1	%	84	77	82	90

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	83	89	85	100
D3-N-MeFOSA (surr.)	1	%	84	97	89	97
D5-N-EtFOSA (surr.)	1	%	111	122	117	126
D7-N-MeFOSE (surr.)	1	%	95	117	114	128
D9-N-EtFOSE (surr.)	1	%	116	139	142	119
D5-N-EtFOSAA (surr.)	1	%	87	83	89	65
D3-N-MeFOSAA (surr.)	1	%	96	90	95	66
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	102	115	114
18O2-PFHxS (surr.)	1	%	102	100	103	97
13C8-PFOS (surr.)	1	%	96	100	98	100
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	131	107	148	115
13C2-6:2 FTSA (surr.)	1	%	56	39	78	36
13C2-8:2 FTSA (surr.)	1	%	93	114	99	98
13C2-10:2 FTSA (surr.)	1	%	96	89	99	89
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	94	-	83
Tetrachloro-m-xylene (surr.)	1	%	-	117	-	127
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2

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Client Sample ID			AI_TP177_0.1	AI_TP177_0.4	AI_TP173_0.1	AI_TP173_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52990	S21-De52991	S21-De52992	S21-De52993
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	97	-	104

Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	98	101	92	97
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	98	101	92	97
Toluene-d8 (surr.)	1	%	80	89	96	101
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	118	111	105	113
p-Terphenyl-d14 (surr.)	1	%	140	135	130	133
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	118	111	105	113
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	117	93	98	108
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	111	104	88	101
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.4	6.6	4.9	4.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	20	11	15
Copper	5	mg/kg	18	24	11	15
Lead	5	mg/kg	19	13	15	11
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	11	5.3	7.9
Zinc	5	mg/kg	28	38	26	24
% Moisture	1	%	20	18	21	16

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Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	101	98	104	105
13C5-PFPeA (surr.)	1	%	96	93	107	96
13C5-PFHxA (surr.)	1	%	109	92	111	110
13C4-PFHpA (surr.)	1	%	97	91	100	97
13C8-PFOA (surr.)	1	%	104	96	114	108
13C5-PFNA (surr.)	1	%	87	76	95	89
13C6-PFDA (surr.)	1	%	110	106	136	130
13C2-PFUnDA (surr.)	1	%	91	84	92	97
13C2-PFDoDA (surr.)	1	%	96	97	101	103
13C2-PFTeDA (surr.)	1	%	90	89	93	100
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	94	91	94	92
D3-N-MeFOSA (surr.)	1	%	100	98	108	93
D5-N-EtFOSA (surr.)	1	%	109	112	133	124
D7-N-MeFOSE (surr.)	1	%	126	139	126	124
D9-N-EtFOSE (surr.)	1	%	112	129	125	109
D5-N-EtFOSAA (surr.)	1	%	97	94	94	97
D3-N-MeFOSAA (surr.)	1	%	99	97	103	107
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	109	100	111	101

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Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	106	107	106	102
13C8-PFOS (surr.)	1	%	100	96	103	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	111	108	113	107
13C2-6:2 FTSA (surr.)	1	%	73	62	82	68
13C2-8:2 FTSA (surr.)	1	%	107	97	82	97
13C2-10:2 FTSA (surr.)	1	%	96	92	106	94
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	101	-	98
Tetrachloro-m-xylene (surr.)	1	%	-	121	-	122

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Client Sample ID			AI_TP66_0.1	AI_TP66_0.4	AI_TP42_0.1	AI_TP42_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52994	S21-De52995	S21-De52996	S21-De52997
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	109	-	108

Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	84	87	95	79
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	84	87	95	79
Toluene-d8 (surr.)	1	%	82	88	81	66
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	126	131	130
p-Terphenyl-d14 (surr.)	1	%	138	142	139	140

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	126	131	130
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	92	127	119	129
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	88	103	97	89
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.0	5.6	2.9	3.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	18	8.5	9.2
Copper	5	mg/kg	9.5	19	6.1	10
Lead	5	mg/kg	23	13	9.1	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.6	8.6	< 5	6.4
Zinc	5	mg/kg	23	32	11	24
% Moisture	1	%	18	15	17	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	103	102	116	97
13C5-PFPeA (surr.)	1	%	88	98	121	90
13C5-PFHxA (surr.)	1	%	84	114	118	117
13C4-PFHpA (surr.)	1	%	86	100	115	87
13C8-PFOA (surr.)	1	%	92	96	113	86
13C5-PFNA (surr.)	1	%	85	76	103	73
13C6-PFDA (surr.)	1	%	90	111	153	120
13C2-PFUnDA (surr.)	1	%	92	94	106	76
13C2-PFDoDA (surr.)	1	%	85	100	112	88
13C2-PFTeDA (surr.)	1	%	98	91	103	51

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	100	90	104	55
D3-N-MeFOSA (surr.)	1	%	132	99	112	66
D5-N-EtFOSA (surr.)	1	%	110	119	137	85
D7-N-MeFOSE (surr.)	1	%	97	138	152	68
D9-N-EtFOSE (surr.)	1	%	98	130	167	85
D5-N-EtFOSAA (surr.)	1	%	92	84	102	69
D3-N-MeFOSAA (surr.)	1	%	86	91	117	88
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	95	101	107	108
18O2-PFHxS (surr.)	1	%	101	103	114	103
13C8-PFOS (surr.)	1	%	94	104	114	95
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	59	91	155	145
13C2-6:2 FTSA (surr.)	1	%	52	73	65	70
13C2-8:2 FTSA (surr.)	1	%	75	108	126	107
13C2-10:2 FTSA (surr.)	1	%	99	104	105	90
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	-
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	-
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	-
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	-
a-HCH	0.05	mg/kg	-	< 0.05	-	-
Aldrin	0.05	mg/kg	-	< 0.05	-	-
b-HCH	0.05	mg/kg	-	< 0.05	-	-
d-HCH	0.05	mg/kg	-	< 0.05	-	-
Dieldrin	0.05	mg/kg	-	< 0.05	-	-
Endosulfan I	0.05	mg/kg	-	< 0.05	-	-
Endosulfan II	0.05	mg/kg	-	< 0.05	-	-
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	-
Endrin	0.05	mg/kg	-	< 0.05	-	-
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	-
Endrin ketone	0.05	mg/kg	-	< 0.05	-	-
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	-
Heptachlor	0.05	mg/kg	-	< 0.05	-	-
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
Methoxychlor	0.05	mg/kg	-	< 0.05	-	-
Toxaphene	0.5	mg/kg	-	< 0.5	-	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	-
Dibutylchlorendate (surr.)	1	%	-	110	-	-
Tetrachloro-m-xylene (surr.)	1	%	-	132	-	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	-
Bolstar	0.2	mg/kg	-	< 0.2	-	-
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	-
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	-
Coumaphos	2	mg/kg	-	< 2	-	-
Demeton-S	0.2	mg/kg	-	< 0.2	-	-
Demeton-O	0.2	mg/kg	-	< 0.2	-	-
Diazinon	0.2	mg/kg	-	< 0.2	-	-
Dichlorvos	0.2	mg/kg	-	< 0.2	-	-
Dimethoate	0.2	mg/kg	-	< 0.2	-	-
Disulfoton	0.2	mg/kg	-	< 0.2	-	-
EPN	0.2	mg/kg	-	< 0.2	-	-
Ethion	0.2	mg/kg	-	< 0.2	-	-
Ethoprop	0.2	mg/kg	-	< 0.2	-	-
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	-
Fenitrothion	0.2	mg/kg	-	< 0.2	-	-
Fensulfothion	0.2	mg/kg	-	< 0.2	-	-
Fenthion	0.2	mg/kg	-	< 0.2	-	-
Malathion	0.2	mg/kg	-	< 0.2	-	-
Merphos	0.2	mg/kg	-	< 0.2	-	-

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Client Sample ID			AI_TP32_0.1	AI_TP32_0.4	AI_TP18_0.2	AI_TP25_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De52998	S21-De52999	S21-De53000	S21-De53001
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	-	-
Mevinphos	0.2	mg/kg	-	< 0.2	-	-
Monocrotophos	2	mg/kg	-	< 2	-	-
Naled	0.2	mg/kg	-	< 0.2	-	-
Omethoate	2	mg/kg	-	< 2	-	-
Phorate	0.2	mg/kg	-	< 0.2	-	-
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	-
Pyrazophos	0.2	mg/kg	-	< 0.2	-	-
Ronnel	0.2	mg/kg	-	< 0.2	-	-
Terbufos	0.2	mg/kg	-	< 0.2	-	-
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	-
Tokuthion	0.2	mg/kg	-	< 0.2	-	-
Trichloronate	0.2	mg/kg	-	< 0.2	-	-
Triphenylphosphate (surr.)	1	%	-	119	-	-

Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	88	87	100	91
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	88	87	100	91
Toluene-d8 (surr.)	1	%	89	86	89	89
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	116	117	120	120
p-Terphenyl-d14 (surr.)	1	%	136	141	139	132
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	116	117	120	120
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	102	121	124	124
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	96	87	102	74
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.5	5.5	7.0	4.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	16	13	23	9.5
Copper	5	mg/kg	19	12	28	8.1
Lead	5	mg/kg	16	15	14	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10.0	9.6	15	6.2
Zinc	5	mg/kg	34	23	38	24
% Moisture	1	%	15	18	20	22

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Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	104	101	98	82
13C5-PFPeA (surr.)	1	%	94	98	89	82
13C5-PFHxA (surr.)	1	%	109	102	102	79
13C4-PFHpA (surr.)	1	%	92	96	87	77
13C8-PFOA (surr.)	1	%	99	98	98	90
13C5-PFNA (surr.)	1	%	87	73	86	62
13C6-PFDA (surr.)	1	%	123	125	125	99
13C2-PFUnDA (surr.)	1	%	91	79	84	65
13C2-PFDoDA (surr.)	1	%	96	99	97	77
13C2-PFTeDA (surr.)	1	%	87	80	89	70
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	86	83	92	73
D3-N-MeFOSA (surr.)	1	%	108	92	100	76
D5-N-EtFOSA (surr.)	1	%	113	126	115	99
D7-N-MeFOSE (surr.)	1	%	127	112	117	105
D9-N-EtFOSE (surr.)	1	%	103	114	118	98
D5-N-EtFOSAA (surr.)	1	%	87	88	90	77
D3-N-MeFOSAA (surr.)	1	%	93	98	92	80
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	107	101	89

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Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	101	103	97	80
13C8-PFOS (surr.)	1	%	104	97	96	86
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	134	117	76	98
13C2-6:2 FTSA (surr.)	1	%	61	58	44	80
13C2-8:2 FTSA (surr.)	1	%	67	109	101	66
13C2-10:2 FTSA (surr.)	1	%	97	86	93	76
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	103	-	102	-
Tetrachloro-m-xylene (surr.)	1	%	130	-	129	-

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Client Sample ID			AI_TP25_0.3	AI_TP23_0.1	AI_TP23_0.4	AI_TP16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53002	S21-De53003	S21-De53004	S21-De53005
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	110	-	112	-

Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	92	91	109	81
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	92	91	109	81
Toluene-d8 (surr.)	1	%	84	81	96	69
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	113	75	140
p-Terphenyl-d14 (surr.)	1	%	141	127	76	149

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	113	75	140
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	53	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	100	122	85	136
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	88	88	64	89
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.0	5.7	6.4	4.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	14	13	18	10
Copper	5	mg/kg	13	6.9	18	9.0
Lead	5	mg/kg	10	11	9.9	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.1	5.3	8.1	6.9
Zinc	5	mg/kg	24	10	29	18
% Moisture	1	%	16	22	16	26
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	107	99	105	94
13C5-PFPeA (surr.)	1	%	98	99	101	94
13C5-PFHxA (surr.)	1	%	114	96	112	97
13C4-PFHpA (surr.)	1	%	104	96	105	90
13C8-PFOA (surr.)	1	%	102	96	107	99
13C5-PFNA (surr.)	1	%	84	77	81	82
13C6-PFDA (surr.)	1	%	112	122	130	126
13C2-PFUnDA (surr.)	1	%	92	83	87	85
13C2-PFDoDA (surr.)	1	%	104	101	108	90
13C2-PFTeDA (surr.)	1	%	95	80	86	76

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	100	85	90	96
D3-N-MeFOSA (surr.)	1	%	93	94	96	84
D5-N-EtFOSA (surr.)	1	%	129	134	134	125
D7-N-MeFOSE (surr.)	1	%	139	125	128	111
D9-N-EtFOSE (surr.)	1	%	131	120	126	127
D5-N-EtFOSAA (surr.)	1	%	103	91	95	87
D3-N-MeFOSAA (surr.)	1	%	105	96	98	95
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	107	105	111	107
18O2-PFHxS (surr.)	1	%	113	101	107	101
13C8-PFOS (surr.)	1	%	107	101	106	90
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	113	129	121	150
13C2-6:2 FTSA (surr.)	1	%	50	76	49	80
13C2-8:2 FTSA (surr.)	1	%	109	100	94	97
13C2-10:2 FTSA (surr.)	1	%	101	94	103	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	111	-	72	-
Tetrachloro-m-xylene (surr.)	1	%	132	-	82	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-

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Client Sample ID			AI_TP16_0.3	AI_TP6_0.1	AI_TP6_0.5	AI_TP9_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53006	S21-De53007	S21-De53008	S21-De53009
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	115	-	87	-

Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	92	96	94	109
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	92	96	94	109
Toluene-d8 (surr.)	1	%	80	90	77	95
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	140	110	148	122
p-Terphenyl-d14 (surr.)	1	%	INT	INT	INT	117
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	140	110	148	122
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	137	112	129	143
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	102	87	97	106
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.0	14	20	4.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	16	26	36	11
Copper	5	mg/kg	19	13	18	8.8
Lead	5	mg/kg	11	25	33	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.6	9.6	13	5.3
Zinc	5	mg/kg	29	34	39	23
% Moisture	1	%	15	20	14	27

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Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	104	95	98	93
13C5-PFPeA (surr.)	1	%	95	92	95	93
13C5-PFHxA (surr.)	1	%	111	94	94	93
13C4-PFHpA (surr.)	1	%	90	92	93	85
13C8-PFOA (surr.)	1	%	109	95	98	100
13C5-PFNA (surr.)	1	%	82	83	81	77
13C6-PFDA (surr.)	1	%	131	126	117	114
13C2-PFUnDA (surr.)	1	%	90	83	86	77
13C2-PFDoDA (surr.)	1	%	106	98	98	91
13C2-PFTeDA (surr.)	1	%	94	82	83	80
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	86	94	78
D3-N-MeFOSA (surr.)	1	%	88	100	101	87
D5-N-EtFOSA (surr.)	1	%	140	121	124	120
D7-N-MeFOSE (surr.)	1	%	115	122	115	106
D9-N-EtFOSE (surr.)	1	%	117	105	112	123
D5-N-EtFOSAA (surr.)	1	%	93	84	80	79
D3-N-MeFOSAA (surr.)	1	%	106	99	89	90
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	110	102	99	102

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Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	113	102	102	93
13C8-PFOS (surr.)	1	%	101	97	98	88
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	142	144	120	88
13C2-6:2 FTSA (surr.)	1	%	75	52	64	74
13C2-8:2 FTSA (surr.)	1	%	112	105	87	101
13C2-10:2 FTSA (surr.)	1	%	91	90	96	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	109	-	106	-
Tetrachloro-m-xylene (surr.)	1	%	149	-	143	-

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Client Sample ID			AI_TP9_0.4	AI_TP14_0.1	AI_TP14_0.4	AI_TP24_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53010	S21-De53011	S21-De53012	S21-De53013
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	121	-	125	-

Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	100	90	85
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	100	90	85
Toluene-d8 (surr.)	1	%	80	101	92	89
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	117	112	112
p-Terphenyl-d14 (surr.)	1	%	113	115	132	115

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	117	112	112
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	94	130	126	127
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	97	90	98	92
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.0	10	10	6.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	22	28	19
Copper	5	mg/kg	11	9.8	17	8.8
Lead	5	mg/kg	14	22	13	15
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	8.5	12	5.2
Zinc	5	mg/kg	15	22	43	16
% Moisture	1	%	16	13	18	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	99	95	102	100
13C5-PFPeA (surr.)	1	%	102	88	95	96
13C5-PFHxA (surr.)	1	%	102	105	104	106
13C4-PFHpA (surr.)	1	%	85	83	102	98
13C8-PFOA (surr.)	1	%	99	103	101	102
13C5-PFNA (surr.)	1	%	87	80	85	83
13C6-PFDA (surr.)	1	%	108	123	128	131
13C2-PFUnDA (surr.)	1	%	86	88	89	90
13C2-PFDoDA (surr.)	1	%	95	93	105	99
13C2-PFTeDA (surr.)	1	%	85	71	88	76

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	103	91	99	98
D3-N-MeFOSA (surr.)	1	%	102	89	107	90
D5-N-EtFOSA (surr.)	1	%	124	108	117	113
D7-N-MeFOSE (surr.)	1	%	114	122	116	101
D9-N-EtFOSE (surr.)	1	%	117	104	113	111
D5-N-EtFOSAA (surr.)	1	%	95	91	93	90
D3-N-MeFOSAA (surr.)	1	%	102	93	82	100
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	94	113	111	92
18O2-PFHxS (surr.)	1	%	97	98	116	92
13C8-PFOS (surr.)	1	%	99	95	105	98
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	103	151	142	121
13C2-6:2 FTSA (surr.)	1	%	59	59	100	80
13C2-8:2 FTSA (surr.)	1	%	109	95	81	86
13C2-10:2 FTSA (surr.)	1	%	96	99	102	101
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	103	-	125	-
Tetrachloro-m-xylene (surr.)	1	%	113	-	130	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-

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Client Sample ID			AI_TP24_0.3	AI_TP19_0.1	AI_TP19_0.3	AI_TP45_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53014	S21-De53015	S21-De53016	S21-De53017
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	125	-	149	-

Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	101	98	95	91
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	101	98	95	91
Toluene-d8 (surr.)	1	%	108	99	104	95
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	98	108	86
p-Terphenyl-d14 (surr.)	1	%	99	116	130	121
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	98	108	86
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	121	100	121	99
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	70	58	61	70
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.9	14	19	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	29	31	33	18
Copper	5	mg/kg	19	18	30	9.9
Lead	5	mg/kg	23	28	24	25
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	13	14	8.5
Zinc	5	mg/kg	33	40	64	17
% Moisture	1	%	17	17	6.9	18

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Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	101	95	78	103
13C5-PFPeA (surr.)	1	%	83	86	66	86
13C5-PFHxA (surr.)	1	%	105	97	69	93
13C4-PFHpA (surr.)	1	%	93	89	70	101
13C8-PFOA (surr.)	1	%	92	90	76	101
13C5-PFNA (surr.)	1	%	98	93	71	96
13C6-PFDA (surr.)	1	%	101	92	76	104
13C2-PFUnDA (surr.)	1	%	72	72	54	72
13C2-PFDoDA (surr.)	1	%	86	85	67	87
13C2-PFTeDA (surr.)	1	%	99	95	75	94
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	99	99	76	101
D3-N-MeFOSA (surr.)	1	%	81	84	68	91
D5-N-EtFOSA (surr.)	1	%	95	116	89	115
D7-N-MeFOSE (surr.)	1	%	120	135	105	107
D9-N-EtFOSE (surr.)	1	%	122	124	108	123
D5-N-EtFOSAA (surr.)	1	%	76	81	59	90
D3-N-MeFOSAA (surr.)	1	%	78	79	58	97
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	99	94	84	108

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Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	89	88	73	98
13C8-PFOS (surr.)	1	%	93	89	75	91
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	113	118	91	134
13C2-6:2 FTSA (surr.)	1	%	112	133	87	104
13C2-8:2 FTSA (surr.)	1	%	128	99	110	126
13C2-10:2 FTSA (surr.)	1	%	97	99	80	101
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	93	-	104	-
Tetrachloro-m-xylene (surr.)	1	%	109	-	131	-

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Client Sample ID			AI_TP45_0.3	AI_TP67_0.1	AI_TP67_0.4	AI_TP20_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53018	S21-De53019	S21-De53020	S21-De53021
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	95	-	105	-

Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	94	101	82	108
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	94	101	82	108
Toluene-d8 (surr.)	1	%	97	112	85	115
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	90	117	106
p-Terphenyl-d14 (surr.)	1	%	132	114	128	117

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	90	117	106
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	125	96	137	100
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	63	67	66	62
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	10.0	7.7	4.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	22	17	17	11
Copper	5	mg/kg	23	9.1	18	13
Lead	5	mg/kg	20	26	22	7.9
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	7.3	7.1	< 5
Zinc	5	mg/kg	43	18	22	12
% Moisture	1	%	15	18	17	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
13C4-PFBA (surr.)	1	%	106	96	103	-
13C5-PFPeA (surr.)	1	%	91	92	87	-
13C5-PFHxA (surr.)	1	%	101	97	102	-
13C4-PFHpA (surr.)	1	%	94	88	94	-
13C8-PFOA (surr.)	1	%	96	90	95	-
13C5-PFNA (surr.)	1	%	102	85	98	-
13C6-PFDA (surr.)	1	%	105	102	104	-
13C2-PFUnDA (surr.)	1	%	77	87	76	-
13C2-PFDoDA (surr.)	1	%	94	92	90	-
13C2-PFTeDA (surr.)	1	%	103	84	105	-

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	-
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	-
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	-
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	-
13C8-FOSA (surr.)	1	%	111	85	110	-
D3-N-MeFOSA (surr.)	1	%	97	103	106	-
D5-N-EtFOSA (surr.)	1	%	119	120	125	-
D7-N-MeFOSE (surr.)	1	%	125	114	129	-
D9-N-EtFOSE (surr.)	1	%	143	114	139	-
D5-N-EtFOSAA (surr.)	1	%	71	93	79	-
D3-N-MeFOSAA (surr.)	1	%	69	94	78	-
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	-
13C3-PFBS (surr.)	1	%	106	105	98	-
18O2-PFHxS (surr.)	1	%	96	94	87	-
13C8-PFOS (surr.)	1	%	97	93	95	-
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	-
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
13C2-4:2 FTSA (surr.)	1	%	103	93	109	-
13C2-6:2 FTSA (surr.)	1	%	92	57	105	-
13C2-8:2 FTSA (surr.)	1	%	109	78	123	-
13C2-10:2 FTSA (surr.)	1	%	100	96	98	-
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	-
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	-
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	-
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	-

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	135	-	114	108
Tetrachloro-m-xylene (surr.)	1	%	145	-	136	123
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2

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Client Sample ID			AI_TP20_0.4	AI_TP36_0.1	AI_TP36_0.4	AI_20212117_D01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De53022	S21-De53023	S21-De53024	S21-De53025
Date Sampled			Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	124	-	115	106

Client Sample ID			AI_20212117_D02
Sample Matrix			Soil
Eurofins Sample No.			S21-De53026
Date Sampled			Dec 17, 2021
Test/Reference	LOR	Unit	
Total Recoverable Hydrocarbons			
TRH C6-C9	20	mg/kg	< 20
TRH C10-C14	20	mg/kg	< 20
TRH C15-C28	50	mg/kg	< 50
TRH C29-C36	50	mg/kg	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5
TRH C6-C10	20	mg/kg	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20
TRH >C10-C16	50	mg/kg	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50
TRH >C16-C34	100	mg/kg	< 100
TRH >C34-C40	100	mg/kg	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100
BTEX			
Benzene	0.1	mg/kg	< 0.1
Toluene	0.1	mg/kg	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2
o-Xylene	0.1	mg/kg	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3
4-Bromofluorobenzene (surr.)	1	%	89
Volatile Organics			
1.1-Dichloroethane	0.5	mg/kg	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5

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Client Sample ID			AI_20212117_D02
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-De53026**
Date Sampled			**Dec 17, 2021**
Test/Reference	LOR	Unit	
Volatile Organics			
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5
Benzene	0.1	mg/kg	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5
Bromoform	0.5	mg/kg	< 0.5
Bromomethane	0.5	mg/kg	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5
Chloroethane	0.5	mg/kg	< 0.5
Chloroform	0.5	mg/kg	< 0.5
Chloromethane	0.5	mg/kg	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1
Iodomethane	0.5	mg/kg	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5
o-Xylene	0.1	mg/kg	< 0.1
Styrene	0.5	mg/kg	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5
Toluene	0.1	mg/kg	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3

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Client Sample ID			AI_20212117_D02
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-De53026**
Date Sampled			**Dec 17, 2021**
Test/Reference	LOR	Unit	
Volatile Organics			
Total MAH*	0.5	mg/kg	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5
4-Bromofluorobenzene (surr.)	1	%	89
Toluene-d8 (surr.)	1	%	90
Polycyclic Aromatic Hydrocarbons			
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2
Acenaphthene	0.5	mg/kg	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5
Anthracene	0.5	mg/kg	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5
Chrysene	0.5	mg/kg	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5
Fluorene	0.5	mg/kg	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5
Naphthalene	0.5	mg/kg	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5
Pyrene	0.5	mg/kg	< 0.5
Total PAH*	0.5	mg/kg	< 0.5
2-Fluorobiphenyl (surr.)	1	%	84
p-Terphenyl-d14 (surr.)	1	%	116
Semivolatile Organics			
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5
2-Fluorobiphenyl (surr.)	1	%	84
2-Methylnaphthalene	0.5	mg/kg	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2

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Client Sample ID			AI_20212117_D02
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-De53026**
Date Sampled			**Dec 17, 2021**
Test/Reference	LOR	Unit	
Semivolatile Organics			
2-Naphthylamine	0.5	mg/kg	< 0.5
2-Nitroaniline	1	mg/kg	< 1
2-Nitrophenol	1	mg/kg	< 1
2-Picoline	0.5	mg/kg	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5
4-Nitrophenol	5	mg/kg	< 5
4.4'-DDD	0.5	mg/kg	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5
4.4'-DDT	1	mg/kg	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5
a-HCH	0.5	mg/kg	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5
Acetophenone	0.5	mg/kg	< 0.5
Aldrin	0.5	mg/kg	< 0.5
Aniline	0.5	mg/kg	< 0.5
Anthracene	0.5	mg/kg	< 0.5
b-HCH	0.5	mg/kg	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5
Chrysene	0.5	mg/kg	< 0.5
d-HCH	0.5	mg/kg	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5

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Client Sample ID			AI_20212117_D02
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-De53026**
Date Sampled			**Dec 17, 2021**
Test/Reference	LOR	Unit	
Semivolatile Organics			
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5
Dieldrin	0.5	mg/kg	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5
Endrin	0.5	mg/kg	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5
Fluorene	0.5	mg/kg	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5
Heptachlor	0.5	mg/kg	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1
Hexachloroethane	0.5	mg/kg	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5
Naphthalene	0.5	mg/kg	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5
Nitrobenzene-d5 (surr.)	1	%	94
Pentachlorobenzene	0.5	mg/kg	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5
Pentachlorophenol	1	mg/kg	< 1
Phenanthrene	0.5	mg/kg	< 0.5
Phenol	0.5	mg/kg	< 0.5
Phenol-d6 (surr.)	1	%	63
Pronamide	0.5	mg/kg	< 0.5
Pyrene	0.5	mg/kg	< 0.5
Trifluralin	0.5	mg/kg	< 0.5
Heavy Metals			
Arsenic	2	mg/kg	15
Cadmium	0.4	mg/kg	< 0.4
Chromium	5	mg/kg	33
Copper	5	mg/kg	9.0
Lead	5	mg/kg	18
Mercury	0.1	mg/kg	< 0.1
Nickel	5	mg/kg	6.9
Zinc	5	mg/kg	22
% Moisture	1	%	15

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Client Sample ID			AI_20212117_D02
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-De53026**
Date Sampled			**Dec 17, 2021**
Test/Reference	LOR	Unit	
Perfluoroalkyl carboxylic acids (PFCAs)			
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5
13C4-PFBA (surr.)	1	%	95
13C5-PFPeA (surr.)	1	%	94
13C5-PFHxA (surr.)	1	%	102
13C4-PFHpA (surr.)	1	%	84
13C8-PFOA (surr.)	1	%	98
13C5-PFNA (surr.)	1	%	81
13C6-PFDA (surr.)	1	%	93
13C2-PFUnDA (surr.)	1	%	73
13C2-PFDoDA (surr.)	1	%	102
13C2-PFTeDA (surr.)	1	%	79
Perfluoroalkyl sulfonamido substances			
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10
13C8-FOSA (surr.)	1	%	97
D3-N-MeFOSA (surr.)	1	%	102
D5-N-EtFOSA (surr.)	1	%	112
D7-N-MeFOSE (surr.)	1	%	115
D9-N-EtFOSE (surr.)	1	%	116
D5-N-EtFOSAA (surr.)	1	%	86
D3-N-MeFOSAA (surr.)	1	%	63
Perfluoroalkyl sulfonic acids (PFSAs)			
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5

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Client Sample ID			AI_20212117_D02
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-De53026**
Date Sampled			**Dec 17, 2021**
Test/Reference	LOR	Unit	
Perfluoroalkyl sulfonic acids (PFSAs)			
13C3-PFBS (surr.)	1	%	101
18O2-PFHxS (surr.)	1	%	105
13C8-PFOS (surr.)	1	%	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5
13C2-4:2 FTSA (surr.)	1	%	130
13C2-6:2 FTSA (surr.)	1	%	52
13C2-8:2 FTSA (surr.)	1	%	98
13C2-10:2 FTSA (surr.)	1	%	78
PFASs Summations			
Sum (PFHxS + PFOS)*	5	ug/kg	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50
Organochlorine Pesticides			
Chlordanes - Total	0.1	mg/kg	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05
a-HCH	0.05	mg/kg	< 0.05
Aldrin	0.05	mg/kg	< 0.05
b-HCH	0.05	mg/kg	< 0.05
d-HCH	0.05	mg/kg	< 0.05
Dieldrin	0.05	mg/kg	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05
Endrin	0.05	mg/kg	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05
Heptachlor	0.05	mg/kg	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05
Toxaphene	0.5	mg/kg	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1
Dibutylchlorendate (surr.)	1	%	107
Tetrachloro-m-xylene (surr.)	1	%	121

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Client Sample ID			AI_20212117_D02
Sample Matrix			**Soil**
Eurofins Sample No.			**S21-De53026**
Date Sampled			**Dec 17, 2021**
Test/Reference	LOR	Unit	
Organophosphorus Pesticides			
Azinphos-methyl	0.2	mg/kg	< 0.2
Bolstar	0.2	mg/kg	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2
Coumaphos	2	mg/kg	< 2
Demeton-S	0.2	mg/kg	< 0.2
Demeton-O	0.2	mg/kg	< 0.2
Diazinon	0.2	mg/kg	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2
Dimethoate	0.2	mg/kg	< 0.2
Disulfoton	0.2	mg/kg	< 0.2
EPN	0.2	mg/kg	< 0.2
Ethion	0.2	mg/kg	< 0.2
Ethoprop	0.2	mg/kg	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2
Fenthion	0.2	mg/kg	< 0.2
Malathion	0.2	mg/kg	< 0.2
Merphos	0.2	mg/kg	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2
Mevinphos	0.2	mg/kg	< 0.2
Monocrotophos	2	mg/kg	< 2
Naled	0.2	mg/kg	< 0.2
Omethoate	2	mg/kg	< 2
Phorate	0.2	mg/kg	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2
Ronnel	0.2	mg/kg	< 0.2
Terbufos	0.2	mg/kg	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2
Tokuthion	0.2	mg/kg	< 0.2
Trichloronate	0.2	mg/kg	< 0.2
Triphenylphosphate (surr.)	1	%	109

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Dec 23, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Dec 23, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Dec 23, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Dec 22, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Organochlorine Pesticides	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 852528
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 20, 2021 3:47 PM
Due: Dec 29, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	AI_TP225_0.1	Dec 17, 2021		Soil	S21-De52978	X			X		X	X	X
2	AI_TP225_0.4	Dec 17, 2021		Soil	S21-De52979				X	X		X	X
3	AI_TP216_0.1	Dec 17, 2021		Soil	S21-De52980	X			X		X	X	X
4	AI_TP216_0.4	Dec 17, 2021		Soil	S21-De52981				X	X		X	X
5	AI_TP197_0.1	Dec 17, 2021		Soil	S21-De52982	X			X		X	X	X
6	AI_TP197_0.4	Dec 17, 2021		Soil	S21-De52983				X	X		X	X
7	AI_TP179_0.1	Dec 17, 2021		Soil	S21-De52984	X			X		X	X	X
8	AI_TP179_0.4	Dec 17, 2021		Soil	S21-De52985				X	X		X	X
9	AI_TP184_0.1	Dec 17, 2021		Soil	S21-De52986	X			X		X	X	X

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Order No.:
Report #: 852528
Phone: 02 8584 8888
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Received: Dec 20, 2021 3:47 PM
Due: Dec 29, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
10	AI_TP184_0.4	Dec 17, 2021		Soil	S21-De52987				X	X		X	X
11	AI_TP178_0.1	Dec 17, 2021		Soil	S21-De52988	X			X		X	X	X
12	AI_TP178_0.4	Dec 17, 2021		Soil	S21-De52989				X	X		X	X
13	AI_TP177_0.1	Dec 17, 2021		Soil	S21-De52990	X			X		X	X	X
14	AI_TP177_0.4	Dec 17, 2021		Soil	S21-De52991				X	X		X	X
15	AI_TP173_0.1	Dec 17, 2021		Soil	S21-De52992	X			X		X	X	X
16	AI_TP173_0.4	Dec 17, 2021		Soil	S21-De52993				X	X		X	X
17	AI_TP66_0.1	Dec 17, 2021		Soil	S21-De52994	X			X		X	X	X
18	AI_TP66_0.4	Dec 17, 2021		Soil	S21-De52995				X	X		X	X
19	AI_TP42_0.1	Dec 17, 2021		Soil	S21-De52996	X			X		X	X	X
20	AI_TP42_0.4	Dec 17, 2021		Soil	S21-De52997				X	X		X	X

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Received: Dec 20, 2021 3:47 PM
Due: Dec 29, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
21	AI_TP32_0.1	Dec 17, 2021		Soil	S21-De52998	X			X		X	X	X
22	AI_TP32_0.4	Dec 17, 2021		Soil	S21-De52999				X	X		X	X
23	AI_TP18_0.2	Dec 17, 2021		Soil	S21-De53000	X			X		X	X	X
24	AI_TP25_0.1	Dec 17, 2021		Soil	S21-De53001	X			X		X	X	X
25	AI_TP25_0.3	Dec 17, 2021		Soil	S21-De53002				X	X		X	X
26	AI_TP23_0.1	Dec 17, 2021		Soil	S21-De53003	X			X		X	X	X
27	AI_TP23_0.4	Dec 17, 2021		Soil	S21-De53004				X	X		X	X
28	AI_TP16_0.1	Dec 17, 2021		Soil	S21-De53005	X			X		X	X	X
29	AI_TP16_0.3	Dec 17, 2021		Soil	S21-De53006				X	X		X	X
30	AI_TP6_0.1	Dec 17, 2021		Soil	S21-De53007	X			X		X	X	X
31	AI_TP6_0.5	Dec 17, 2021		Soil	S21-De53008				X	X		X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
32	AI_TP9_0.1	Dec 17, 2021		Soil	S21-De53009	X			X		X	X	X
33	AI_TP9_0.4	Dec 17, 2021		Soil	S21-De53010				X	X		X	X
34	AI_TP14_0.1	Dec 17, 2021		Soil	S21-De53011	X			X		X	X	X
35	AI_TP14_0.4	Dec 17, 2021		Soil	S21-De53012				X	X		X	X
36	AI_TP24_0.1	Dec 17, 2021		Soil	S21-De53013	X			X		X	X	X
37	AI_TP24_0.3	Dec 17, 2021		Soil	S21-De53014				X	X		X	X
38	AI_TP19_0.1	Dec 17, 2021		Soil	S21-De53015	X			X		X	X	X
39	AI_TP19_0.3	Dec 17, 2021		Soil	S21-De53016				X	X		X	X
40	AI_TP45_0.1	Dec 17, 2021		Soil	S21-De53017	X			X		X	X	X
41	AI_TP45_0.3	Dec 17, 2021		Soil	S21-De53018				X	X		X	X
42	AI_TP67_0.1	Dec 17, 2021		Soil	S21-De53019	X			X		X	X	X

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Project ID: 0571466

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Priority: 5 Day
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Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
43	AI_TP67_0.4	Dec 17, 2021		Soil	S21-De53020				X	X		X	X
44	AI_TP20_0.1	Dec 17, 2021		Soil	S21-De53021	X			X		X	X	X
45	AI_TP20_0.4	Dec 17, 2021		Soil	S21-De53022				X	X		X	X
46	AI_TP36_0.1	Dec 17, 2021		Soil	S21-De53023	X			X		X	X	X
47	AI_TP36_0.4	Dec 17, 2021		Soil	S21-De53024				X	X		X	X
48	AI_20212117_D01	Dec 17, 2021		Soil	S21-De53025				X	X		X	
49	AI_20212117_D02	Dec 17, 2021		Soil	S21-De53026				X	X		X	X
50	AI_TS	Dec 17, 2021		Soil	S21-De53027		X						
51	AI_TB	Dec 17, 2021		Soil	S21-De53028		X						

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 852528
Phone: 02 8584 8888
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Received: Dec 20, 2021 3:47 PM
Due: Dec 29, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254													
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794													X
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
52	AI_TS LAB	Dec 17, 2021		Soil	S21-De53029		X						
53	AI_TP82_0.1	Dec 17, 2021		Soil	S21-De53363			X					
Test Counts						24	3	1	49	25	24	49	48

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	112			70-130	Pass	
TRH C10-C14	%	82			70-130	Pass	
Naphthalene	%	99			70-130	Pass	
TRH C6-C10	%	104			70-130	Pass	
TRH >C10-C16	%	79			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	112			70-130	Pass	
Toluene	%	104			70-130	Pass	
Ethylbenzene	%	102			70-130	Pass	
m&p-Xylenes	%	119			70-130	Pass	
o-Xylene	%	114			70-130	Pass	
Xylenes - Total*	%	117			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	88			70-130	Pass	
1.1.1-Trichloroethane	%	96			70-130	Pass	
1.2-Dichlorobenzene	%	109			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	101			70-130	Pass	
Benzene	%	102			70-130	Pass	
Ethylbenzene	%	94			70-130	Pass	
m&p-Xylenes	%	97			70-130	Pass	
o-Xylene	%	96			70-130	Pass	
Toluene	%	96			70-130	Pass	
Trichloroethene	%	99			70-130	Pass	
Xylenes - Total*	%	97			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	84			70-130	Pass	
Acenaphthylene	%	89			70-130	Pass	
Anthracene	%	87			70-130	Pass	
Benz(a)anthracene	%	75			70-130	Pass	
Benzo(a)pyrene	%	98			70-130	Pass	
Benzo(b&j)fluoranthene	%	109			70-130	Pass	
Benzo(g.h.i)perylene	%	91			70-130	Pass	
Benzo(k)fluoranthene	%	113			70-130	Pass	
Chrysene	%	78			70-130	Pass	
Dibenz(a.h)anthracene	%	72			70-130	Pass	
Fluoranthene	%	93			70-130	Pass	
Fluorene	%	100			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	85			70-130	Pass	
Naphthalene	%	97			70-130	Pass	
Phenanthrene	%	88			70-130	Pass	
Pyrene	%	89			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	84			25-140	Pass	
1.2.4-Trichlorobenzene	%	105			70-130	Pass	
1.3.5-Trichlorobenzene	%	84			70-130	Pass	
1.4-Dichlorobenzene	%	102			70-130	Pass	
2-Chlorophenol	%	75			25-140	Pass	
2-Methylphenol (o-Cresol)	%	99			25-140	Pass	
2-Nitrophenol	%	84			25-140	Pass	
2.4-Dichlorophenol	%	92			25-140	Pass	
2.4-Dimethylphenol	%	97			25-140	Pass	
2.4-Dinitrophenol	%	71			25-140	Pass	
2.4-Dinitrotoluene	%	104			70-130	Pass	
2.4.5-Trichlorophenol	%	73			25-140	Pass	
2.4.6-Trichlorophenol	%	85			25-140	Pass	
2.6-Dichlorophenol	%	70			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	84			25-140	Pass	
4-Chloro-3-methylphenol	%	72			25-140	Pass	
4-Nitrophenol	%	71			25-140	Pass	
Acenaphthene	%	102			70-130	Pass	
Acenaphthylene	%	92			70-130	Pass	
Anthracene	%	89			70-130	Pass	
Benz(a)anthracene	%	93			70-130	Pass	
Benzo(a)pyrene	%	97			70-130	Pass	
Benzo(b&j)fluoranthene	%	96			70-130	Pass	
Benzo(k)fluoranthene	%	104			70-130	Pass	
Chrysene	%	94			70-130	Pass	
Dibenz(a.h)anthracene	%	93			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin aldehyde	%	96			70-130	Pass	
Fluoranthene	%	90			70-130	Pass	
Fluorene	%	90			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	97			70-130	Pass	
N-Nitrosodipropylamine	%	94			70-130	Pass	
Naphthalene	%	96			70-130	Pass	
Pentachlorophenol	%	76			25-140	Pass	
Phenanthrene	%	94			70-130	Pass	
Phenol	%	75			25-140	Pass	
Pyrene	%	94			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	92			80-120	Pass	
Cadmium	%	100			80-120	Pass	
Chromium	%	93			80-120	Pass	
Copper	%	95			80-120	Pass	
Lead	%	98			80-120	Pass	
Mercury	%	109			80-120	Pass	
Nickel	%	93			80-120	Pass	
Zinc	%	95			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	106			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	105			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	108			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	100			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	106			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	114			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	106			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	126			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	119			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	102			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	79			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	141			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	97			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	131			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	115			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	104			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	90			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	112			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	86			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	94			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	114			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	90			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	106			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	121			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	108			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	86			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	110			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	114			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	95			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	132			50-150	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	81			70-130	Pass	
4.4'-DDD	%	107			70-130	Pass	
4.4'-DDE	%	80			70-130	Pass	
4.4'-DDT	%	88			70-130	Pass	
a-HCH	%	85			70-130	Pass	
Aldrin	%	84			70-130	Pass	
b-HCH	%	82			70-130	Pass	
d-HCH	%	86			70-130	Pass	
Dieldrin	%	74			70-130	Pass	
Endosulfan I	%	80			70-130	Pass	
Endosulfan II	%	78			70-130	Pass	
Endosulfan sulphate	%	124			70-130	Pass	
Endrin	%	70			70-130	Pass	
Endrin aldehyde	%	118			70-130	Pass	
Endrin ketone	%	100			70-130	Pass	
g-HCH (Lindane)	%	86			70-130	Pass	
Heptachlor	%	130			70-130	Pass	
Heptachlor epoxide	%	76			70-130	Pass	
Hexachlorobenzene	%	92			70-130	Pass	
Methoxychlor	%	91			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	89			70-130	Pass	
Dimethoate	%	82			70-130	Pass	
Ethion	%	77			70-130	Pass	
Fenitrothion	%	88			70-130	Pass	
Methyl parathion	%	92			70-130	Pass	
Mevinphos	%	108			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-De52981	CP	%	88			75-125	Pass	
Cadmium	S21-De52981	CP	%	96			75-125	Pass	
Chromium	S21-De52981	CP	%	87			75-125	Pass	
Copper	S21-De52981	CP	%	85			75-125	Pass	
Lead	S21-De52981	CP	%	89			75-125	Pass	
Mercury	S21-De52981	CP	%	83			75-125	Pass	
Nickel	S21-De52981	CP	%	85			75-125	Pass	
Zinc	S21-De52981	CP	%	88			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-De52985	CP	%	79			70-130	Pass	
TRH >C10-C16	S21-De52985	CP	%	77			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S21-De52985	CP	%	87			70-130	Pass	
Pyrene	S21-De52985	CP	%	98			70-130	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Semivolatile Organics				Result 1					
1.2.4-Trichlorobenzene	S21-De52985	CP	%	76			70-130	Pass	
2-Chlorophenol	S21-De52985	CP	%	86			30-130	Pass	
2.4-Dinitrotoluene	S21-De52985	CP	%	89			70-130	Pass	
4-Chloro-3-methylphenol	S21-De52985	CP	%	75			30-130	Pass	
N-Nitrosodipropylamine	S21-De52985	CP	%	73			70-130	Pass	
Phenol	S21-De52985	CP	%	85			30-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S21-De52995	CP	%	94			70-130	Pass	
TRH C10-C14	S21-De52995	CP	%	100			70-130	Pass	
Naphthalene	S21-De52995	CP	%	83			70-130	Pass	
TRH C6-C10	S21-De52995	CP	%	79			70-130	Pass	
TRH >C10-C16	S21-De52995	CP	%	96			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-De52995	CP	%	73			70-130	Pass	
Toluene	S21-De52995	CP	%	73			70-130	Pass	
Ethylbenzene	S21-De52995	CP	%	71			70-130	Pass	
m&p-Xylenes	S21-De52995	CP	%	70			70-130	Pass	
o-Xylene	S21-De52995	CP	%	72			70-130	Pass	
Xylenes - Total*	S21-De52995	CP	%	70			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
1.2.4-Trichlorobenzene	S21-De52995	CP	%	105			70-130	Pass	
1.4-Dichlorobenzene	S21-De52995	CP	%	90			70-130	Pass	
2.4-Dinitrotoluene	S21-De52995	CP	%	100			70-130	Pass	
N-Nitrosodipropylamine	S21-De52995	CP	%	100			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-De52999	CP	%	98			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De52999	CP	%	101			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De52999	CP	%	101			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De52999	CP	%	96			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-De52999	CP	%	92			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-De52999	CP	%	113			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-De52999	CP	%	94			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De52999	CP	%	124			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De52999	CP	%	114			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De52999	CP	%	101			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De52999	CP	%	76			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-De52999	CP	%	138			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De52999	CP	%	82			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De52999	CP	%	129			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De52999	CP	%	111			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De52999	CP	%	116			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De52999	CP	%	95			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De52999	CP	%	106			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-De52999	CP	%	91			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De52999	CP	%	90			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De52999	CP	%	109			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De52999	CP	%	87			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De52999	CP	%	97			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De52999	CP	%	118			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De52999	CP	%	98			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De52999	CP	%	79			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De52999	CP	%	77			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De52999	CP	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De52999	CP	%	83			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De52999	CP	%	127			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-De53011	CP	%	102			75-125	Pass	
Cadmium	S21-De53011	CP	%	99			75-125	Pass	
Chromium	S21-De53011	CP	%	96			75-125	Pass	
Copper	S21-De53011	CP	%	91			75-125	Pass	
Lead	S21-De53011	CP	%	117			75-125	Pass	
Mercury	S21-De53011	CP	%	98			75-125	Pass	
Nickel	S21-De53011	CP	%	97			75-125	Pass	
Zinc	S21-De53011	CP	%	91			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-De53016	CP	%	99			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De53016	CP	%	102			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De53016	CP	%	93			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De53016	CP	%	95			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-De53016	CP	%	85			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-De53016	CP	%	111			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-De53016	CP	%	108			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De53016	CP	%	136			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De53016	CP	%	108			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorotridecanoic acid (PFTrDA)	S21-De53016	CP	%	93			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De53016	CP	%	84			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-De53016	CP	%	142			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De53016	CP	%	80			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De53016	CP	%	110			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De53016	CP	%	104			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De53016	CP	%	92			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De53016	CP	%	84			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De53016	CP	%	99			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-De53016	CP	%	91			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De53016	CP	%	100			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De53016	CP	%	99			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De53016	CP	%	90			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De53016	CP	%	95			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De53016	CP	%	107			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De53016	CP	%	98			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De53016	CP	%	88			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De53016	CP	%	101			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De53016	CP	%	74			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De53016	CP	%	88			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De53016	CP	%	143			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-De52978	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-De52978	CP	mg/kg	< 20	< 20	<1	30%	Pass	

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Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De52978	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-De52978	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-De52978	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-De52978	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-De52978	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-De52978	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-De52978	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
a-HCH	S21-De38278	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
b-HCH	S21-De38278	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
d-HCH	S21-De38278	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De52978	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De52978	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De52978	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De52978	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De52980	CP	mg/kg	5.7	6.3	10	30%	Pass	
Cadmium	S21-De52980	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De52980	CP	mg/kg	16	18	13	30%	Pass	
Copper	S21-De52980	CP	mg/kg	19	22	16	30%	Pass	
Lead	S21-De52980	CP	mg/kg	18	18	1.0	30%	Pass	
Mercury	S21-De52980	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De52980	CP	mg/kg	10	11	8.0	30%	Pass	
Zinc	S21-De52980	CP	mg/kg	28	27	2.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De52980	CP	%	18	19	1.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-De52984	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-De52984	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-De52984	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-De52984	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-De52984	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-De52984	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De52990	CP	mg/kg	6.4	8.4	28	30%	Pass	
Cadmium	S21-De52990	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De52990	CP	mg/kg	18	22	19	30%	Pass	
Copper	S21-De52990	CP	mg/kg	21	24	14	30%	Pass	
Lead	S21-De52990	CP	mg/kg	20	24	21	30%	Pass	
Mercury	S21-De52990	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De52990	CP	mg/kg	14	15	1.0	30%	Pass	
Zinc	S21-De52990	CP	mg/kg	33	37	10	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De52990	CP	%	22	21	1.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-De52994	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-De52994	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De52994	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-De52994	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-De52994	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
BTEX				Result 1	Result 2	RPD			
o-Xylene	S21-De52994	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-De52994	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-De52994	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-De52994	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-De52994	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate								
Semivolatile Organics				Result 1	Result 2	RPD		
4-Nitrophenol	S21-De52994	CP	mg/kg	< 5	< 5	<1	30%	Pass
4.4'-DDD	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
4.4'-DDE	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
4.4'-DDT	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass
7.12-Dimethylbenz(a)anthracene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Acetophenone	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Aldrin	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Aniline	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Benzyl chloride	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bis(2-chloroethoxy)methane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bis(2-chloroisopropyl)ether	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bis(2-ethylhexyl)phthalate	S21-De52994	CP	mg/kg	< 5	< 5	<1	30%	Pass
Butyl benzyl phthalate	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Di-n-butyl phthalate	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Di-n-octyl phthalate	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dibenz(a.j)acridine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dibenzofuran	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dieldrin	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Diethyl phthalate	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dimethyl phthalate	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dimethylaminoazobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Diphenylamine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Endosulfan I	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Endosulfan II	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Endosulfan sulphate	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Endrin	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Endrin aldehyde	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Endrin ketone	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
g-HCH (Lindane)	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Heptachlor	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Heptachlor epoxide	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Hexachlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Hexachlorobutadiene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Hexachlorocyclopentadiene	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass
Hexachloroethane	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Methoxychlor	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
N-Nitrosodibutylamine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
N-Nitrosodipropylamine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
N-Nitrosopiperidine	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Nitrobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Pentachlorobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Pentachloronitrobenzene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Pentachlorophenol	S21-De52994	CP	mg/kg	< 1	< 1	<1	30%	Pass
Phenol	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Pronamide	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Trifluralin	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Duplicate								
Organochlorine Pesticides				Result 1	Result 2	RPD		
Chlordanes - Total	S21-De52994	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
4.4'-DDD	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
4.4'-DDE	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
4.4'-DDT	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
a-HCH	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Aldrin	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
b-HCH	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-De52994	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-De52994	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-De52994	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-De52994	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-De52994	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-De52994	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate								
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD		
Perfluorobutanoic acid (PFBA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanoic acid (PFPeA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanoic acid (PFHxA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanoic acid (PFHpA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanoic acid (PFOA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanoic acid (PFNA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanoic acid (PFDA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroundecanoic acid (PFUnDA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorododecanoic acid (PFDoDA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotridecanoic acid (PFTrDA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorotetradecanoic acid (PFTeDA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD		
Perfluorooctane sulfonamide (FOSA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De52995	CP	ug/kg	< 10	< 10	<1	30%	Pass
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De52995	CP	ug/kg	< 10	< 10	<1	30%	Pass
Duplicate								
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD		
Perfluorobutanesulfonic acid (PFBS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorononanesulfonic acid (PFNS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropropanesulfonic acid (PFPrS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoropentanesulfonic acid (PFPeS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorohexanesulfonic acid (PFHxS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluoroheptanesulfonic acid (PFHpS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanesulfonic acid (PFOS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorodecanesulfonic acid (PFDS)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD		
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De52995	CP	ug/kg	< 10	< 10	<1	30%	Pass
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De52995	CP	ug/kg	< 5	< 5	<1	30%	Pass

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De52998	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De52998	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De52998	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De52998	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De53000	CP	mg/kg	2.9	3.7	24	30%	Pass	
Cadmium	S21-De53000	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De53000	CP	mg/kg	8.5	10.0	16	30%	Pass	
Copper	S21-De53000	CP	mg/kg	6.1	6.2	3.0	30%	Pass	
Lead	S21-De53000	CP	mg/kg	9.1	9.7	7.0	30%	Pass	
Mercury	S21-De53000	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De53000	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S21-De53000	CP	mg/kg	11	12	3.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De53000	CP	%	17	17	1.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De53010	CP	mg/kg	6.0	6.0	<1	30%	Pass	
Cadmium	S21-De53010	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De53010	CP	mg/kg	16	16	4.0	30%	Pass	
Copper	S21-De53010	CP	mg/kg	19	20	5.0	30%	Pass	
Lead	S21-De53010	CP	mg/kg	11	12	4.0	30%	Pass	
Mercury	S21-De53010	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De53010	CP	mg/kg	8.6	8.8	3.0	30%	Pass	
Zinc	S21-De53010	CP	mg/kg	29	30	2.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De53010	CP	%	15	16	10	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-De53012	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.3.5-Trichlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-De53012	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-De53012	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-De53012	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-De53012	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
g-HCH (Lindane)	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-De53012	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-De53012	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-De53012	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-De53012	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-De53012	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Disulfoton	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-De53012	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-De53012	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-De53012	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-De53014	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.4-Dichlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-De53014	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-De53014	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-De53014	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-De53014	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Heptachlor	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-De53014	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-De53014	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-De53014	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-De53014	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-De53014	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
EPN	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-De53014	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-De53014	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-De53014	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De53020	CP	mg/kg	19	20	8.0	30%	Pass	
Cadmium	S21-De53020	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De53020	CP	mg/kg	33	38	12	30%	Pass	
Copper	S21-De53020	CP	mg/kg	30	32	9.0	30%	Pass	
Lead	S21-De53020	CP	mg/kg	24	28	16	30%	Pass	
Mercury	S21-De53020	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De53020	CP	mg/kg	14	14	2.0	30%	Pass	
Zinc	S21-De53020	CP	mg/kg	64	62	3.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De53020	CP	%	6.9	8.7	23	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De53026	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De53026	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De53026	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De53026	CP	ug/kg	< 5	< 5	<1	30%	Pass	

DRAFT

Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	No
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q08	The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where metals are requested, please specify Total or Filtered. SUITE code must be used to attract SUITE pricing)

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	TP27_0.1	20/12/21	S	X			
2	TP27_0.4				X		
3	TP28_0.1			X			
4	TP28_0.5				X		
5	TP60_0.1			X			
6	TP60_0.5				X		
7	TP59_0.1			X			
8	TP59_0.4				X		
9	TP58_0.1			X			
10	TP58_0.4				X		
	Total Counts						

Containers (Change container type & size if necessary)

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☑ 5 days (Standard)
- ☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal Name: Jack Emblen Signature: Date: 20.12.2021 Time: 07:00

Laboratory Use Only

Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Sheena	Date 21/12/21	Time 2:22PM	Report № 852729

Eurofins Environment Testing Australia Pty Ltd

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

ES3009_R10 Modified by Dr R Symons Approved by G Jackson Approved on 8 August 2019

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CHAIN OF CUSTODY RECORD

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02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory**
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory**
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory**
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (EBuild, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where metals are required, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	TP46_0.1			X			
2	TP46_0.4				X		
3	TP47_0.1			X			
4	TP47_0.4				X		
5	TP37_0.1			X			
6	TP37_0.4				X		
7	TP48_0.1			X			
8	TP48_0.4				X		
9	TP61_0.1			X			
10	TP61_0.4				X		
	Total Counts						

Containers (Change container type & size if necessary.)

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked.)

♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal

Name	Signature	Date	Time

Laboratory Use Only

Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Sheeran	Date	21/12/21	Time	2:22PM	Report №	852729

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where metals are requested, please specify 'Total' or 'Filtered'. SUITE code must be used to affect SUITE pricing)

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix (Solid (S) Water (W))	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	TP62_0.1			X			
2	TP62_0.4				X		
3	TP71_0.1			X			
4	TP71_0.4				X		
5	TP105_0.1			X			
6	TP105_0.4				X		
7	TP108_0.1			X			
8	TP108_0.5				X		
9	20211220_D01				X		
10	20211220_D02						X
	Total Counts						

Containers (Change container type & size if necessary)

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal Name Signature Date Time

Laboratory Use Only									
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	Report №	852729

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CHAIN OF CUSTODY RECORD

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☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where metals are requested, please specify 'Total' or 'Filtered'. SUITE code must be used to attract SUITE pricing)

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	Containers: 500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	20211220_D03	20/12/21	S		X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TS/TB	↓	W			X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3																
4	20211220_T03	20/12/21	S		X											
5	20211220_T02	↓	↓				X									
6	20211220_T01	↓	↓		X											
7																
8																
9																
10																
	Total Counts															

Containers: Change container type & size if necessary.

Required Turnaround Time (TAT): Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

Method of Shipment	☐ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Signature	Date	Time

Laboratory Use Only									
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Temperature	
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report №	852729

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0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

DRAFT

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www.eurofins.com.au EnviroSales@eurofins.com

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Melbourne
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NATA # 1261 Site # 1254

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Perth
46-48 Banksia Road
Welshpool WA 6106
Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

Auckland
35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	BRADFIELD CITY CENTRE
Project ID:	O571466
Turnaround time:	5 Day
Date/Time received	Dec 21, 2021 2:22 PM
Eurofins reference	852729

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

An asbestos bag for sample TP09-0.1 is received, please advise if analysis is required for that?

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

DRAFT

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
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Melbourne
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Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: O571466

Order No.:
Report #: 852729
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP27-0.1	Dec 20, 2021		Soil	S21-De54630	X				X		X	X	X	
2	AI_TP27-0.4	Dec 20, 2021		Soil	S21-De54631					X	X		X	X	
3	AI_TP28-0.1	Dec 20, 2021		Soil	S21-De54632	X				X		X	X	X	
4	AI_TP28-0.5	Dec 20, 2021		Soil	S21-De54633					X	X		X	X	
5	AI_TP60-0.1	Dec 20, 2021		Soil	S21-De54634	X				X		X	X	X	
6	AI_TP60-0.5	Dec 20, 2021		Soil	S21-De54635					X	X		X	X	
7	AI_TP59-0.1	Dec 20, 2021		Soil	S21-De54636	X				X		X	X	X	
8	AI_TP59-0.4	Dec 20, 2021		Soil	S21-De54637					X	X		X	X	
9	AI_TP58-0.1	Dec 20, 2021		Soil	S21-De54638	X				X		X	X	X	

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eurofins | Environment Testing

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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NATA # 1261 Site # 25079

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46-48 Banksia Road
Welshpool WA 6106
Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

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Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: O571466

Order No.:
Report #: 852729
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
10	AI_TP58-0.4	Dec 20, 2021		Soil	S21-De54639					X	X		X	X	
11	AI_TP46-0.1	Dec 20, 2021		Soil	S21-De54640	X				X		X	X	X	
12	AI_TP46-0.4	Dec 20, 2021		Soil	S21-De54641					X	X		X	X	
13	AI_TP47-0.1	Dec 20, 2021		Soil	S21-De54642	X				X		X	X	X	
14	AI_TP47-0.4	Dec 20, 2021		Soil	S21-De54643					X	X		X	X	
15	AI_TP37-0.1	Dec 20, 2021		Soil	S21-De54644	X				X		X	X	X	
16	AI_TP37-0.4	Dec 20, 2021		Soil	S21-De54645					X	X		X	X	
17	AI_TP48-0.1	Dec 20, 2021		Soil	S21-De54646	X				X		X	X	X	
18	AI_TP48-0.4	Dec 20, 2021		Soil	S21-De54647					X	X		X	X	
19	AI_TP61-0.1	Dec 20, 2021		Soil	S21-De54648	X				X		X	X	X	
20	AI_TP61-0.4	Dec 20, 2021		Soil	S21-De54649					X	X		X	X	

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Project Name: BRADFIELD CITY CENTRE
Project ID: O571466

Order No.:
Report #: 852729
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

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Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
21	AI_TP62-0.1	Dec 20, 2021		Soil	S21-De54650	X				X		X	X	X	
22	AI_TP62-0.4	Dec 20, 2021		Soil	S21-De54651					X	X		X	X	
23	AI_TP71-0.1	Dec 20, 2021		Soil	S21-De54652	X				X		X	X	X	
24	AI_TP71-0.4	Dec 20, 2021		Soil	S21-De54653					X	X		X	X	
25	AI_TP105-0.1	Dec 20, 2021		Soil	S21-De54654	X				X		X	X	X	
26	AI_TP105-0.4	Dec 20, 2021		Soil	S21-De54655					X	X		X	X	
27	AI_TP108-0.1	Dec 20, 2021		Soil	S21-De54656	X				X		X	X	X	
28	AI_TP108-0.5	Dec 20, 2021		Soil	S21-De54657					X	X		X	X	
29	AI_20211220-D01	Dec 20, 2021		Soil	S21-De54658					X	X		X	X	
30	AI_20211220-	Dec 20, 2021		Soil	S21-De54659				X					X	

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Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
	D02														
31	AI_20211220-D03	Dec 20, 2021		Soil	S21-De54660					X	X		X	X	
32	AI_TRIP SPIKE	Dec 20, 2021		Water	S21-De54661										X
33	AI_TRIP BLANK	Dec 20, 2021		Water	S21-De54662			X							
34	AI_20211220-T03	Dec 20, 2021		Soil	S21-De54663					X	X		X	X	
35	AI_20211220-T02	Dec 20, 2021		Soil	S21-De54664				X					X	
36	AI_20211220-T01	Dec 20, 2021		Soil	S21-De54665					X	X		X	X	

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Phone: 02 8584 8888
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Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
37	AI_TP09-0.1	Dec 20, 2021		Soil	S21-De54666		X								
Test Counts						14	1	1	34	34	18	14	32	34	1

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Certificate of Analysis

ERM Sydney
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Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention:	Nicholas Grbich
Report	852729-AID-V2
Project Name	BRADFIELD CITY CENTRE
Project ID	O571466
Received Date	Dec 21, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name BRADFIELD CITY CENTRE
Project ID O571466
Date Sampled Dec 20, 2021
Report 852729-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP27-0.1	21-De54630	Dec 20, 2021	Approximate Sample 560g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP28-0.1	21-De54632	Dec 20, 2021	Approximate Sample 505g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP60-0.1	21-De54634	Dec 20, 2021	Approximate Sample 619g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP59-0.1	21-De54636	Dec 20, 2021	Approximate Sample 565g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP58-0.1	21-De54638	Dec 20, 2021	Approximate Sample 572g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP46-0.1	21-De54640	Dec 20, 2021	Approximate Sample 632g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP47-0.1	21-De54642	Dec 20, 2021	Approximate Sample 495g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP37-0.1	21-De54644	Dec 20, 2021	Approximate Sample 576g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP48-0.1	21-De54646	Dec 20, 2021	Approximate Sample 719g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP61-0.1	21-De54648	Dec 20, 2021	Approximate Sample 465g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP62-0.1	21-De54650	Dec 20, 2021	Approximate Sample 839g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP71-0.1	21-De54652	Dec 20, 2021	Approximate Sample 703g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP105-0.1	21-De54654	Dec 20, 2021	Approximate Sample 532g Sample consisted of: Brown coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP108-0.1	21-De54656	Dec 20, 2021	Approximate Sample 606g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Dec 22, 2021	Indefinite

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Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP27-0.1	Dec 20, 2021		Soil	S21-De54630	X				X		X	X	X	
2	AI_TP27-0.4	Dec 20, 2021		Soil	S21-De54631					X	X		X	X	
3	AI_TP28-0.1	Dec 20, 2021		Soil	S21-De54632	X				X		X	X	X	
4	AI_TP28-0.5	Dec 20, 2021		Soil	S21-De54633					X	X		X	X	
5	AI_TP60-0.1	Dec 20, 2021		Soil	S21-De54634	X				X		X	X	X	
6	AI_TP60-0.5	Dec 20, 2021		Soil	S21-De54635					X	X		X	X	
7	AI_TP59-0.1	Dec 20, 2021		Soil	S21-De54636	X				X		X	X	X	
8	AI_TP59-0.4	Dec 20, 2021		Soil	S21-De54637					X	X		X	X	
9	AI_TP58-0.1	Dec 20, 2021		Soil	S21-De54638	X				X		X	X	X	

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
10	AI_TP58-0.4	Dec 20, 2021		Soil	S21-De54639					X	X		X	X	
11	AI_TP46-0.1	Dec 20, 2021		Soil	S21-De54640	X				X		X	X	X	
12	AI_TP46-0.4	Dec 20, 2021		Soil	S21-De54641					X	X		X	X	
13	AI_TP47-0.1	Dec 20, 2021		Soil	S21-De54642	X				X		X	X	X	
14	AI_TP47-0.4	Dec 20, 2021		Soil	S21-De54643					X	X		X	X	
15	AI_TP37-0.1	Dec 20, 2021		Soil	S21-De54644	X				X		X	X	X	
16	AI_TP37-0.4	Dec 20, 2021		Soil	S21-De54645					X	X		X	X	
17	AI_TP48-0.1	Dec 20, 2021		Soil	S21-De54646	X				X		X	X	X	
18	AI_TP48-0.4	Dec 20, 2021		Soil	S21-De54647					X	X		X	X	
19	AI_TP61-0.1	Dec 20, 2021		Soil	S21-De54648	X				X		X	X	X	
20	AI_TP61-0.4	Dec 20, 2021		Soil	S21-De54649					X	X		X	X	

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Project ID: O571466

Order No.:
Report #: 852729
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
21	AI_TP62-0.1	Dec 20, 2021		Soil	S21-De54650	X				X		X	X	X	
22	AI_TP62-0.4	Dec 20, 2021		Soil	S21-De54651					X	X		X	X	
23	AI_TP71-0.1	Dec 20, 2021		Soil	S21-De54652	X				X		X	X	X	
24	AI_TP71-0.4	Dec 20, 2021		Soil	S21-De54653					X	X		X	X	
25	AI_TP105-0.1	Dec 20, 2021		Soil	S21-De54654	X				X		X	X	X	
26	AI_TP105-0.4	Dec 20, 2021		Soil	S21-De54655					X	X		X	X	
27	AI_TP108-0.1	Dec 20, 2021		Soil	S21-De54656	X				X		X	X	X	
28	AI_TP108-0.5	Dec 20, 2021		Soil	S21-De54657					X	X		X	X	
29	AI_20211220-D01	Dec 20, 2021		Soil	S21-De54658					X	X		X	X	
30	AI_20211220-	Dec 20, 2021		Soil	S21-De54659				X					X	

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Company Name: ERM Sydney
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Project Name: BRADFIELD CITY CENTRE
Project ID: O571466

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
	D02														
31	AI_20211220-D03	Dec 20, 2021		Soil	S21-De54660					X	X		X	X	
32	AI_TRIP SPIKE	Dec 20, 2021		Water	S21-De54661										X
33	AI_TRIP BLANK	Dec 20, 2021		Water	S21-De54662			X							
34	AI_20211220-T03	Dec 20, 2021		Soil	S21-De54663					X	X		X	X	
35	AI_20211220-T02	Dec 20, 2021		Soil	S21-De54664				X					X	
36	AI_20211220-T01	Dec 20, 2021		Soil	S21-De54665					X	X		X	X	

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Project Name: BRADFIELD CITY CENTRE
Project ID: O571466

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
37	AI_TP09-0.1	Dec 20, 2021		Soil	S21-De54666		X								
Test Counts						14	1	1	34	34	18	14	32	34	1

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Authorised by:

Laxman Dias	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **852729-S-V2**
Project name BRADFIELD CITY CENTRE
Project ID O571466
Received Date Dec 21, 2021

Client Sample ID			**AI_TP27-0.1**	**AI_TP27-0.4**	**AI_TP28-0.1**	**AI_TP28-0.5**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De54630**	**S21-De54631**	**S21-De54632**	**S21-De54633**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	95	63	99	92
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP27-0.1	AI_TP27-0.4	AI_TP28-0.1	AI_TP28-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54630	S21-De54631	S21-De54632	S21-De54633
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	95	63	99	92
Toluene-d8 (surr.)	1	%	85	70	105	103

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Client Sample ID			AI_TP27-0.1	AI_TP27-0.4	AI_TP28-0.1	AI_TP28-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54630	S21-De54631	S21-De54632	S21-De54633
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	98	77	109	104
p-Terphenyl-d14 (surr.)	1	%	107	115	123	124
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	98	77	109	104
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP27-0.1	AI_TP27-0.4	AI_TP28-0.1	AI_TP28-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54630	S21-De54631	S21-De54632	S21-De54633
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP27-0.1	AI_TP27-0.4	AI_TP28-0.1	AI_TP28-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54630	S21-De54631	S21-De54632	S21-De54633
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	145	88	147	143
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	99	99	102	108
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.9	10	9.2	5.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	28	17	17
Copper	5	mg/kg	13	25	12	17
Lead	5	mg/kg	18	19	19	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.9	12	11	8.2
Zinc	5	mg/kg	27	42	22	29
% Moisture	1	%	22	20	20	18
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP27-0.1	AI_TP27-0.4	AI_TP28-0.1	AI_TP28-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54630	S21-De54631	S21-De54632	S21-De54633
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	101	104	99
13C5-PFPeA (surr.)	1	%	105	107	111	101
13C5-PFHxA (surr.)	1	%	96	98	113	116
13C4-PFHpA (surr.)	1	%	109	107	107	101
13C8-PFOA (surr.)	1	%	96	103	112	108
13C5-PFNA (surr.)	1	%	103	107	108	106
13C6-PFDA (surr.)	1	%	104	105	117	119
13C2-PFUnDA (surr.)	1	%	109	112	120	124
13C2-PFDoDA (surr.)	1	%	96	96	105	102
13C2-PFTeDA (surr.)	1	%	88	96	101	100
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	98	104	108	107
D3-N-MeFOSA (surr.)	1	%	100	107	108	98
D5-N-EtFOSA (surr.)	1	%	111	131	117	120
D7-N-MeFOSE (surr.)	1	%	109	115	125	112
D9-N-EtFOSE (surr.)	1	%	88	112	106	104
D5-N-EtFOSAA (surr.)	1	%	102	49	107	104
D3-N-MeFOSAA (surr.)	1	%	111	45	116	109
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	99	102	96	94
18O2-PFHxS (surr.)	1	%	94	93	100	100
13C8-PFOS (surr.)	1	%	112	103	115	110

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Client Sample ID			AI_TP27-0.1	AI_TP27-0.4	AI_TP28-0.1	AI_TP28-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54630	S21-De54631	S21-De54632	S21-De54633
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	126	138	112	89
13C2-6:2 FTSA (surr.)	1	%	144	102	120	126
13C2-8:2 FTSA (surr.)	1	%	104	100	98	119
13C2-10:2 FTSA (surr.)	1	%	121	130	136	151
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	119	-	118
Tetrachloro-m-xylene (surr.)	1	%	-	111	-	116

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Client Sample ID			AI_TP27-0.1	AI_TP27-0.4	AI_TP28-0.1	AI_TP28-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54630	S21-De54631	S21-De54632	S21-De54633
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	144	-	145

Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	119	99	57	83
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	119	99	57	83
Toluene-d8 (surr.)	1	%	127	104	60	92
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	54	112	57
p-Terphenyl-d14 (surr.)	1	%	132	114	130	121

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Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	54	112	57
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	132	78	132	91
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	93	90	76	92
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	8.7	11	9.4	7.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	35	31	23	22
Copper	5	mg/kg	10	22	7.6	23
Lead	5	mg/kg	20	17	28	12
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.1	12	7.6	10
Zinc	5	mg/kg	24	32	11	27
% Moisture	1	%	19	26	20	24
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	99	104	103	95
13C5-PFPeA (surr.)	1	%	105	111	107	106
13C5-PFHxA (surr.)	1	%	105	101	124	91
13C4-PFHpA (surr.)	1	%	110	123	110	105
13C8-PFOA (surr.)	1	%	109	115	118	105
13C5-PFNA (surr.)	1	%	116	116	117	111
13C6-PFDA (surr.)	1	%	120	115	124	113
13C2-PFUnDA (surr.)	1	%	112	132	118	120
13C2-PFDoDA (surr.)	1	%	97	97	92	95
13C2-PFTeDA (surr.)	1	%	95	98	99	98

DRAFT

Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	107	98	109	117
D3-N-MeFOSA (surr.)	1	%	102	101	113	107
D5-N-EtFOSA (surr.)	1	%	116	137	124	132
D7-N-MeFOSE (surr.)	1	%	100	109	129	133
D9-N-EtFOSE (surr.)	1	%	102	109	113	115
D5-N-EtFOSAA (surr.)	1	%	105	106	105	88
D3-N-MeFOSAA (surr.)	1	%	108	115	107	94
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	108	86	88
18O2-PFHxS (surr.)	1	%	94	98	102	92
13C8-PFOS (surr.)	1	%	112	118	109	110
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	130	121	124	61
13C2-6:2 FTSA (surr.)	1	%	124	112	139	90
13C2-8:2 FTSA (surr.)	1	%	104	104	118	102
13C2-10:2 FTSA (surr.)	1	%	148	146	137	129
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	105	-	115
Tetrachloro-m-xylene (surr.)	1	%	-	106	-	113
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2

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Client Sample ID			AI_TP60-0.1	AI_TP60-0.5	AI_TP59-0.1	AI_TP59-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54634	S21-De54635	S21-De54636	S21-De54637
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	131	-	138

Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	86	86	80	67
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	86	86	80	67
Toluene-d8 (surr.)	1	%	96	93	87	73
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	82	109	95
p-Terphenyl-d14 (surr.)	1	%	127	106	119	116
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	114	82	109	95
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	116	136	135
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	70	87	85	84
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	9.9	8.2	7.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	41	29	21	23
Copper	5	mg/kg	12	20	10	18
Lead	5	mg/kg	28	18	20	13
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10	18	7.9	9.2
Zinc	5	mg/kg	24	31	12	29
% Moisture	1	%	19	24	21	23

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Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	92	103	129
13C5-PFPeA (surr.)	1	%	107	96	108	135
13C5-PFHxA (surr.)	1	%	114	98	107	119
13C4-PFHpA (surr.)	1	%	112	109	119	126
13C8-PFOA (surr.)	1	%	115	107	125	133
13C5-PFNA (surr.)	1	%	114	101	120	127
13C6-PFDA (surr.)	1	%	122	111	129	134
13C2-PFUnDA (surr.)	1	%	114	119	123	143
13C2-PFDoDA (surr.)	1	%	93	94	87	114
13C2-PFTeDA (surr.)	1	%	92	96	87	111
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	99	110	97	122
D3-N-MeFOSA (surr.)	1	%	106	98	86	120
D5-N-EtFOSA (surr.)	1	%	117	115	133	165
D7-N-MeFOSE (surr.)	1	%	115	116	107	147
D9-N-EtFOSE (surr.)	1	%	98	90	100	131
D5-N-EtFOSAA (surr.)	1	%	97	84	96	114
D3-N-MeFOSAA (surr.)	1	%	102	92	102	118
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	85	88	90	111

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Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	95	99	89	115
13C8-PFOS (surr.)	1	%	103	103	106	135
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	97	76	114	81
13C2-6:2 FTSA (surr.)	1	%	128	87	137	87
13C2-8:2 FTSA (surr.)	1	%	116	97	127	99
13C2-10:2 FTSA (surr.)	1	%	132	136	144	161
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	99	-	95
Tetrachloro-m-xylene (surr.)	1	%	-	101	-	109

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Client Sample ID			AI_TP58-0.1	AI_TP58-0.4	AI_TP46-0.1	AI_TP46-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54638	S21-De54639	S21-De54640	S21-De54641
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	122	-	127

Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	85	89	87	89
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	85	89	87	89
Toluene-d8 (surr.)	1	%	91	97	93	105
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	98	63	112	103
p-Terphenyl-d14 (surr.)	1	%	113	113	135	122

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	98	63	112	103
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	137	74	150	144
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	71	67	75	81
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.2	6.6	9.2	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	22	25	30
Copper	5	mg/kg	8.9	12	13	19
Lead	5	mg/kg	19	10	23	23
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.4	5.9	8.1	11
Zinc	5	mg/kg	24	17	18	32
% Moisture	1	%	27	23	17	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	108	104	94	122
13C5-PFPeA (surr.)	1	%	120	114	101	123
13C5-PFHxA (surr.)	1	%	127	113	97	134
13C4-PFHpA (surr.)	1	%	140	125	111	124
13C8-PFOA (surr.)	1	%	118	123	116	125
13C5-PFNA (surr.)	1	%	131	115	111	132
13C6-PFDA (surr.)	1	%	146	128	115	136
13C2-PFUnDA (surr.)	1	%	125	132	111	140
13C2-PFDoDA (surr.)	1	%	97	107	88	109
13C2-PFTeDA (surr.)	1	%	83	104	78	116

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	105	97	91	108
D3-N-MeFOSA (surr.)	1	%	92	96	101	121
D5-N-EtFOSA (surr.)	1	%	127	124	112	126
D7-N-MeFOSE (surr.)	1	%	119	121	102	149
D9-N-EtFOSE (surr.)	1	%	98	114	102	133
D5-N-EtFOSAA (surr.)	1	%	85	71	88	93
D3-N-MeFOSAA (surr.)	1	%	93	74	96	95
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	100	89	107
18O2-PFHxS (surr.)	1	%	99	99	92	106
13C8-PFOS (surr.)	1	%	121	112	103	129
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	182	124	89	93
13C2-6:2 FTSA (surr.)	1	%	176	115	102	80
13C2-8:2 FTSA (surr.)	1	%	113	113	107	113
13C2-10:2 FTSA (surr.)	1	%	138	168	124	151
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	103	-	121
Tetrachloro-m-xylene (surr.)	1	%	-	106	-	119
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2

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Client Sample ID			AI_TP47-0.1	AI_TP47-0.4	AI_TP37-0.1	AI_TP37-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54642	S21-De54643	S21-De54644	S21-De54645
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	127	-	147

Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107	92	92	66
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	107	92	92	66
Toluene-d8 (surr.)	1	%	119	107	103	74
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	64	54	104	114
p-Terphenyl-d14 (surr.)	1	%	148	128	119	133
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	64	54	104	114
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 0.5	< 0.5

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Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	82	76	106	111
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	89	110	90	110
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.4	6.5	17	17
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	22	42	40
Copper	5	mg/kg	< 5	15	17	23
Lead	5	mg/kg	14	12	30	29
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	6.1	14	13
Zinc	5	mg/kg	7.1	19	41	43
% Moisture	1	%	23	21	28	23

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Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	110	85	81	101
13C5-PFPeA (surr.)	1	%	114	81	90	111
13C5-PFHxA (surr.)	1	%	127	97	84	102
13C4-PFHpA (surr.)	1	%	113	89	90	103
13C8-PFOA (surr.)	1	%	124	92	95	105
13C5-PFNA (surr.)	1	%	115	87	96	104
13C6-PFDA (surr.)	1	%	124	95	107	123
13C2-PFUnDA (surr.)	1	%	133	106	97	128
13C2-PFDoDA (surr.)	1	%	99	80	77	102
13C2-PFTeDA (surr.)	1	%	107	80	63	100
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	108	93	85	104
D3-N-MeFOSA (surr.)	1	%	120	96	79	111
D5-N-EtFOSA (surr.)	1	%	146	108	109	140
D7-N-MeFOSE (surr.)	1	%	146	106	94	129
D9-N-EtFOSE (surr.)	1	%	125	101	91	125
D5-N-EtFOSAA (surr.)	1	%	101	64	75	84
D3-N-MeFOSAA (surr.)	1	%	112	69	86	83
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	96	73	83	105

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Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	105	78	84	97
13C8-PFOS (surr.)	1	%	119	89	90	113
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	117	61	134	62
13C2-6:2 FTSA (surr.)	1	%	107	71	97	69
13C2-8:2 FTSA (surr.)	1	%	104	87	106	70
13C2-10:2 FTSA (surr.)	1	%	152	111	110	143
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	131	-	106
Tetrachloro-m-xylene (surr.)	1	%	-	121	-	110

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Client Sample ID			AI_TP48-0.1	AI_TP48-0.4	AI_TP61-0.1	AI_TP61-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54646	S21-De54647	S21-De54648	S21-De54649
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	INT	-	126

Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	89	94	67	75
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	89	94	67	75
Toluene-d8 (surr.)	1	%	93	95	78	79
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	111	101	88
p-Terphenyl-d14 (surr.)	1	%	123	143	125	130

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	100	111	101	88
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	103	99	93	68
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	87	102	89	75
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.3	5.7	9.4	6.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	18	20	19
Copper	5	mg/kg	< 5	18	8.8	22
Lead	5	mg/kg	13	11	26	8.7
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	5.7	8.3	8.6	7.8
Zinc	5	mg/kg	11	25	19	24
% Moisture	1	%	20	25	19	26
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	95	95	112	98
13C5-PFPeA (surr.)	1	%	114	102	114	106
13C5-PFHxA (surr.)	1	%	96	93	112	95
13C4-PFHpA (surr.)	1	%	99	97	123	98
13C8-PFOA (surr.)	1	%	105	107	121	102
13C5-PFNA (surr.)	1	%	111	103	121	104
13C6-PFDA (surr.)	1	%	115	108	127	109
13C2-PFUnDA (surr.)	1	%	120	113	127	112
13C2-PFDoDA (surr.)	1	%	94	85	102	94
13C2-PFTeDA (surr.)	1	%	97	89	102	90

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	113	103	113	112
D3-N-MeFOSA (surr.)	1	%	109	111	114	109
D5-N-EtFOSA (surr.)	1	%	123	125	152	136
D7-N-MeFOSE (surr.)	1	%	128	122	141	137
D9-N-EtFOSE (surr.)	1	%	112	121	137	113
D5-N-EtFOSAA (surr.)	1	%	108	74	114	77
D3-N-MeFOSAA (surr.)	1	%	119	80	118	79
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	101	100	94	105
18O2-PFHxS (surr.)	1	%	96	88	99	85
13C8-PFOS (surr.)	1	%	107	107	117	108
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	85	81	97	82
13C2-6:2 FTSA (surr.)	1	%	89	75	90	110
13C2-8:2 FTSA (surr.)	1	%	90	100	140	93
13C2-10:2 FTSA (surr.)	1	%	132	129	159	133
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	119	-	104
Tetrachloro-m-xylene (surr.)	1	%	-	114	-	110
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2

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Client Sample ID			AI_TP62-0.1	AI_TP62-0.4	AI_TP71-0.1	AI_TP71-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54650	S21-De54651	S21-De54652	S21-De54653
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	126	-	107

Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	82	86	92	85
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	82	86	92	85
Toluene-d8 (surr.)	1	%	97	94	96	97
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	98	102	116
p-Terphenyl-d14 (surr.)	1	%	118	117	123	126
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	98	102	116
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	100	95	109	144
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	78	73	77	107
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	6.8	11	2.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	24	23	34	13
Copper	5	mg/kg	11	22	38	21
Lead	5	mg/kg	24	17	27	6.7
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.0	8.6	30	9.8
Zinc	5	mg/kg	24	36	73	53
% Moisture	1	%	22	21	22	13

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Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	108	91	92	104
13C5-PFPeA (surr.)	1	%	119	96	103	112
13C5-PFHxA (surr.)	1	%	117	98	116	113
13C4-PFHpA (surr.)	1	%	113	99	103	117
13C8-PFOA (surr.)	1	%	119	102	104	107
13C5-PFNA (surr.)	1	%	125	97	102	107
13C6-PFDA (surr.)	1	%	124	109	116	114
13C2-PFUnDA (surr.)	1	%	124	107	105	118
13C2-PFDoDA (surr.)	1	%	104	88	78	101
13C2-PFTeDA (surr.)	1	%	93	87	78	106
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	111	96	89	110
D3-N-MeFOSA (surr.)	1	%	115	92	89	116
D5-N-EtFOSA (surr.)	1	%	135	135	97	139
D7-N-MeFOSE (surr.)	1	%	145	114	114	130
D9-N-EtFOSE (surr.)	1	%	121	105	87	118
D5-N-EtFOSAA (surr.)	1	%	110	73	85	101
D3-N-MeFOSAA (surr.)	1	%	120	75	92	107
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	107	83	73	103

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Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	98	89	85	96
13C8-PFOS (surr.)	1	%	120	96	97	114
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	117	50	123	116
13C2-6:2 FTSA (surr.)	1	%	102	57	122	109
13C2-8:2 FTSA (surr.)	1	%	117	100	127	81
13C2-10:2 FTSA (surr.)	1	%	150	131	122	131
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	81	-	124
Tetrachloro-m-xylene (surr.)	1	%	-	103	-	131

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Client Sample ID			AI_TP105-0.1	AI_TP105-0.4	AI_TP108-0.1	AI_TP108-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54654	S21-De54655	S21-De54656	S21-De54657
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	95	-	137

Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54658	S21-De54659	S21-De54660	S21-De54663
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	-	< 20	< 20
TRH C10-C14	20	mg/kg	25	-	< 20	< 20
TRH C15-C28	50	mg/kg	59	-	< 50	< 50
TRH C29-C36	50	mg/kg	60	-	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	144	-	< 50	< 50

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De54658**	**S21-De54659**	**S21-De54660**	**S21-De54663**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
Naphthalene[N02]	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	-	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	-	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	-	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	-	< 50	< 50
TRH >C16-C34	100	mg/kg	110	-	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	-	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	110	-	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	-	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	83	-	80	78
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De54658**	**S21-De54659**	**S21-De54660**	**S21-De54663**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit				
Volatile Organics						
Chloromethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	-	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	83	-	80	78
Toluene-d8 (surr.)	1	%	94	-	78	83
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	-	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	-	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	-	93	87
p-Terphenyl-d14 (surr.)	1	%	109	-	120	104

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54658	S21-De54659	S21-De54660	S21-De54663
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	-	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	-	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	-	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	-	93	87
2-Methylnaphthalene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	-	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	-	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	-	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	-	INT	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	-	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	-	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	-	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	-	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54658	S21-De54659	S21-De54660	S21-De54663
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	-	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	-	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De54658**	**S21-De54659**	**S21-De54660**	**S21-De54663**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	131	-	122	113
Pentachlorobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	-	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	93	-	86	73
Pronamide	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	15	-	2.4	3.0
Cadmium	0.4	mg/kg	< 0.4	-	< 0.4	< 0.4
Chromium	5	mg/kg	30	-	15	14
Copper	5	mg/kg	17	-	27	28
Lead	5	mg/kg	38	-	8.3	7.3
Mercury	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Nickel	5	mg/kg	13	-	12	11
Zinc	5	mg/kg	50	-	68	75
% Moisture	1	%	22	16	13	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	93	98	102
13C5-PFPeA (surr.)	1	%	106	98	117	94
13C5-PFHxA (surr.)	1	%	99	85	99	93
13C4-PFHpA (surr.)	1	%	130	103	119	96
13C8-PFOA (surr.)	1	%	117	103	117	93
13C5-PFNA (surr.)	1	%	114	105	129	98
13C6-PFDA (surr.)	1	%	128	113	116	111
13C2-PFUnDA (surr.)	1	%	114	111	125	102
13C2-PFDoDA (surr.)	1	%	91	93	96	87
13C2-PFTeDA (surr.)	1	%	77	88	92	101

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54658	S21-De54659	S21-De54660	S21-De54663
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	105	104	89
D3-N-MeFOSA (surr.)	1	%	71	102	94	95
D5-N-EtFOSA (surr.)	1	%	92	127	123	106
D7-N-MeFOSE (surr.)	1	%	87	122	102	123
D9-N-EtFOSE (surr.)	1	%	83	109	105	120
D5-N-EtFOSAA (surr.)	1	%	91	94	92	74
D3-N-MeFOSAA (surr.)	1	%	100	103	97	80
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	93	93	99	91
18O2-PFHxS (surr.)	1	%	89	89	97	101
13C8-PFOS (surr.)	1	%	104	110	109	118
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	152	83	167	102
13C2-6:2 FTSA (surr.)	1	%	154	125	158	105
13C2-8:2 FTSA (surr.)	1	%	128	92	111	40
13C2-10:2 FTSA (surr.)	1	%	129	135	136	118
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De54658**	**S21-De54659**	**S21-De54660**	**S21-De54663**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	127	-	106	86
Tetrachloro-m-xylene (surr.)	1	%	115	-	105	90
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2

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Client Sample ID			AI_20211220-D01	AI_20211220-D02	AI_20211220-D03	AI_20211220-T03
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De54658	S21-De54659	S21-De54660	S21-De54663
Date Sampled			Dec 20, 2021	Dec 20, 2021	Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	146	-	129	108

Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			Soil	Soil
Eurofins Sample No.			S21-De54664	S21-De54665
Date Sampled			Dec 20, 2021	Dec 20, 2021
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons				
TRH C6-C9	20	mg/kg	-	< 20
TRH C10-C14	20	mg/kg	-	< 20
TRH C15-C28	50	mg/kg	-	< 50
TRH C29-C36	50	mg/kg	-	58
TRH C10-C36 (Total)	50	mg/kg	-	58
Naphthalene[N02]	0.5	mg/kg	-	< 0.5
TRH C6-C10	20	mg/kg	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20
TRH >C10-C16	50	mg/kg	-	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	-	< 50
TRH >C16-C34	100	mg/kg	-	< 100
TRH >C34-C40	100	mg/kg	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	-	< 100
BTEX				
Benzene	0.1	mg/kg	-	< 0.1
Toluene	0.1	mg/kg	-	< 0.1
Ethylbenzene	0.1	mg/kg	-	< 0.1
m&p-Xylenes	0.2	mg/kg	-	< 0.2
o-Xylene	0.1	mg/kg	-	< 0.1
Xylenes - Total*	0.3	mg/kg	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	87
Volatile Organics				
1.1-Dichloroethane	0.5	mg/kg	-	< 0.5
1.1-Dichloroethene	0.5	mg/kg	-	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	-	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	-	< 0.5

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Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-De54664**	**S21-De54665**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
Volatile Organics				
1.1.2-Trichloroethane	0.5	mg/kg	-	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	-	< 0.5
1.2-Dibromoethane	0.5	mg/kg	-	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	-	< 0.5
1.2-Dichloroethane	0.5	mg/kg	-	< 0.5
1.2-Dichloropropane	0.5	mg/kg	-	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	-	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	-	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	-	< 0.5
1.3-Dichloropropane	0.5	mg/kg	-	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	-	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	-	< 0.5
2-Butanone (MEK)	0.5	mg/kg	-	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	-	< 0.5
4-Chlorotoluene	0.5	mg/kg	-	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	-	< 0.5
Allyl chloride	0.5	mg/kg	-	< 0.5
Benzene	0.1	mg/kg	-	< 0.1
Bromobenzene	0.5	mg/kg	-	< 0.5
Bromochloromethane	0.5	mg/kg	-	< 0.5
Bromodichloromethane	0.5	mg/kg	-	< 0.5
Bromoform	0.5	mg/kg	-	< 0.5
Bromomethane	0.5	mg/kg	-	< 0.5
Carbon disulfide	0.5	mg/kg	-	< 0.5
Carbon Tetrachloride	0.5	mg/kg	-	< 0.5
Chlorobenzene	0.5	mg/kg	-	< 0.5
Chloroethane	0.5	mg/kg	-	< 0.5
Chloroform	0.5	mg/kg	-	< 0.5
Chloromethane	0.5	mg/kg	-	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	-	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	-	< 0.5
Dibromochloromethane	0.5	mg/kg	-	< 0.5
Dibromomethane	0.5	mg/kg	-	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	-	< 0.5
Ethylbenzene	0.1	mg/kg	-	< 0.1
Iodomethane	0.5	mg/kg	-	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	-	< 0.5
m&p-Xylenes	0.2	mg/kg	-	< 0.2
Methylene Chloride	0.5	mg/kg	-	< 0.5
o-Xylene	0.1	mg/kg	-	< 0.1
Styrene	0.5	mg/kg	-	< 0.5
Tetrachloroethene	0.5	mg/kg	-	< 0.5
Toluene	0.1	mg/kg	-	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	-	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	-	< 0.5
Trichloroethene	0.5	mg/kg	-	< 0.5
Trichlorofluoromethane	0.5	mg/kg	-	< 0.5
Vinyl chloride	0.5	mg/kg	-	< 0.5
Xylenes - Total*	0.3	mg/kg	-	< 0.3

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Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-De54664**	**S21-De54665**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
Volatile Organics				
Total MAH*	0.5	mg/kg	-	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	-	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	-	< 0.5
4-Bromofluorobenzene (surr.)	1	%	-	87
Toluene-d8 (surr.)	1	%	-	97
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2
Acenaphthene	0.5	mg/kg	-	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5
Phenanthrene	0.5	mg/kg	-	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5
Total PAH*	0.5	mg/kg	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	126
p-Terphenyl-d14 (surr.)	1	%	-	144
Semivolatile Organics				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5
1-Chloronaphthalene	0.5	mg/kg	-	< 0.5
1-Naphthylamine	0.5	mg/kg	-	< 1
1.2-Dichlorobenzene	0.5	mg/kg	-	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	-	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	-	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	-	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	-	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	-	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	-	< 0.5
2-Chloronaphthalene	0.5	mg/kg	-	< 0.5
2-Chlorophenol	0.5	mg/kg	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	126
2-Methylnaphthalene	0.5	mg/kg	-	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2

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Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-De54664**	**S21-De54665**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
Semivolatile Organics				
2-Naphthylamine	0.5	mg/kg	-	< 0.5
2-Nitroaniline	1	mg/kg	-	< 1
2-Nitrophenol	1	mg/kg	-	< 1
2-Picoline	0.5	mg/kg	-	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	< 5
2.4-Dinitrotoluene	0.5	mg/kg	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	< 1
2.4.6-Tribromophenol (surr.)	1	%	-	INT
2.4.6-Trichlorophenol	1	mg/kg	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5
2.6-Dinitrotoluene	1	mg/kg	-	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4
3-Methylcholanthrene	0.5	mg/kg	-	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	-	< 0.5
4-Aminobiphenyl	0.5	mg/kg	-	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	-	< 0.5
4-Nitrophenol	5	mg/kg	-	< 5
4.4'-DDD	0.5	mg/kg	-	< 0.5
4.4'-DDE	0.5	mg/kg	-	< 0.5
4.4'-DDT	1	mg/kg	-	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	-	< 1
a-HCH	0.5	mg/kg	-	< 0.5
Acenaphthene	0.5	mg/kg	-	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5
Acetophenone	0.5	mg/kg	-	< 0.5
Aldrin	0.5	mg/kg	-	< 0.5
Aniline	0.5	mg/kg	-	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5
b-HCH	0.5	mg/kg	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5
Benzyl chloride	0.5	mg/kg	-	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	-	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	-	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	-	< 5
Butyl benzyl phthalate	0.5	mg/kg	-	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5
d-HCH	0.5	mg/kg	-	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	-	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5

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Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-De54664**	**S21-De54665**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
Semivolatile Organics				
Dibenz(a.j)acridine	0.5	mg/kg	-	< 0.5
Dibenzofuran	0.5	mg/kg	-	< 0.5
Dieldrin	0.5	mg/kg	-	< 0.5
Diethyl phthalate	0.5	mg/kg	-	< 0.5
Dimethyl phthalate	0.5	mg/kg	-	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	-	< 0.5
Diphenylamine	0.5	mg/kg	-	< 0.5
Endosulfan I	0.5	mg/kg	-	< 0.5
Endosulfan II	0.5	mg/kg	-	< 0.5
Endosulfan sulphate	0.5	mg/kg	-	< 0.5
Endrin	0.5	mg/kg	-	< 0.5
Endrin aldehyde	0.5	mg/kg	-	< 0.5
Endrin ketone	0.5	mg/kg	-	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5
g-HCH (Lindane)	0.5	mg/kg	-	< 0.5
Heptachlor	0.5	mg/kg	-	< 0.5
Heptachlor epoxide	0.5	mg/kg	-	< 0.5
Hexachlorobenzene	0.5	mg/kg	-	< 0.5
Hexachlorobutadiene	0.5	mg/kg	-	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	-	< 1
Hexachloroethane	0.5	mg/kg	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5
Methoxychlor	0.5	mg/kg	-	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	-	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	-	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	-	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5
Nitrobenzene	0.5	mg/kg	-	< 0.5
Nitrobenzene-d5 (surr.)	1	%	-	INT
Pentachlorobenzene	0.5	mg/kg	-	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	-	< 0.5
Pentachlorophenol	1	mg/kg	-	< 1
Phenanthrene	0.5	mg/kg	-	< 0.5
Phenol	0.5	mg/kg	-	< 0.5
Phenol-d6 (surr.)	1	%	-	101
Pronamide	0.5	mg/kg	-	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5
Trifluralin	0.5	mg/kg	-	< 0.5
Heavy Metals				
Arsenic	2	mg/kg	-	6.1
Cadmium	0.4	mg/kg	-	< 0.4
Chromium	5	mg/kg	-	13
Copper	5	mg/kg	-	11
Lead	5	mg/kg	-	15
Mercury	0.1	mg/kg	-	< 0.1
Nickel	5	mg/kg	-	6.3
Zinc	5	mg/kg	-	25
% Moisture	1	%	10	24

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Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-De54664**	**S21-De54665**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
Perfluoroalkyl carboxylic acids (PFCAs)				
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5
13C4-PFBA (surr.)	1	%	88	88
13C5-PFPeA (surr.)	1	%	98	109
13C5-PFHxA (surr.)	1	%	100	89
13C4-PFHpA (surr.)	1	%	106	106
13C8-PFOA (surr.)	1	%	105	118
13C5-PFNA (surr.)	1	%	102	109
13C6-PFDA (surr.)	1	%	118	122
13C2-PFUnDA (surr.)	1	%	112	101
13C2-PFDoDA (surr.)	1	%	83	79
13C2-PFTeDA (surr.)	1	%	78	70
Perfluoroalkyl sulfonamido substances				
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10
13C8-FOSA (surr.)	1	%	98	98
D3-N-MeFOSA (surr.)	1	%	89	77
D5-N-EtFOSA (surr.)	1	%	112	91
D7-N-MeFOSE (surr.)	1	%	101	92
D9-N-EtFOSE (surr.)	1	%	96	86
D5-N-EtFOSAA (surr.)	1	%	86	77
D3-N-MeFOSAA (surr.)	1	%	93	88
Perfluoroalkyl sulfonic acids (PFSAs)				
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5

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Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-De54664**	**S21-De54665**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
Perfluoroalkyl sulfonic acids (PFSAs)				
13C3-PFBS (surr.)	1	%	81	92
18O2-PFHxS (surr.)	1	%	84	83
13C8-PFOS (surr.)	1	%	102	97
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	115	176
13C2-6:2 FTSA (surr.)	1	%	119	122
13C2-8:2 FTSA (surr.)	1	%	98	125
13C2-10:2 FTSA (surr.)	1	%	121	116
PFASs Summations				
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	132
Tetrachloro-m-xylene (surr.)	1	%	-	136

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Client Sample ID			AI_20211220-T02	AI_20211220-T01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S21-De54664**	**S21-De54665**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
Organophosphorus Pesticides				
Azinphos-methyl	0.2	mg/kg	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2
Coumaphos	2	mg/kg	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2
Naled	0.2	mg/kg	-	< 0.2
Omethoate	2	mg/kg	-	< 2
Phorate	0.2	mg/kg	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	INT

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Dec 23, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Dec 23, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Dec 23, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Dec 22, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jan 05, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jan 05, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jan 05, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jan 05, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Organochlorine Pesticides	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Dec 23, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
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NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: O571466

Order No.:
Report #: 852729
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP27-0.1	Dec 20, 2021		Soil	S21-De54630	X				X		X	X	X	
2	AI_TP27-0.4	Dec 20, 2021		Soil	S21-De54631					X	X		X	X	
3	AI_TP28-0.1	Dec 20, 2021		Soil	S21-De54632	X				X		X	X	X	
4	AI_TP28-0.5	Dec 20, 2021		Soil	S21-De54633					X	X		X	X	
5	AI_TP60-0.1	Dec 20, 2021		Soil	S21-De54634	X				X		X	X	X	
6	AI_TP60-0.5	Dec 20, 2021		Soil	S21-De54635					X	X		X	X	
7	AI_TP59-0.1	Dec 20, 2021		Soil	S21-De54636	X				X		X	X	X	
8	AI_TP59-0.4	Dec 20, 2021		Soil	S21-De54637					X	X		X	X	
9	AI_TP58-0.1	Dec 20, 2021		Soil	S21-De54638	X				X		X	X	X	

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Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
10	AI_TP58-0.4	Dec 20, 2021		Soil	S21-De54639					X	X		X	X	
11	AI_TP46-0.1	Dec 20, 2021		Soil	S21-De54640	X				X		X	X	X	
12	AI_TP46-0.4	Dec 20, 2021		Soil	S21-De54641					X	X		X	X	
13	AI_TP47-0.1	Dec 20, 2021		Soil	S21-De54642	X				X		X	X	X	
14	AI_TP47-0.4	Dec 20, 2021		Soil	S21-De54643					X	X		X	X	
15	AI_TP37-0.1	Dec 20, 2021		Soil	S21-De54644	X				X		X	X	X	
16	AI_TP37-0.4	Dec 20, 2021		Soil	S21-De54645					X	X		X	X	
17	AI_TP48-0.1	Dec 20, 2021		Soil	S21-De54646	X				X		X	X	X	
18	AI_TP48-0.4	Dec 20, 2021		Soil	S21-De54647					X	X		X	X	
19	AI_TP61-0.1	Dec 20, 2021		Soil	S21-De54648	X				X		X	X	X	
20	AI_TP61-0.4	Dec 20, 2021		Soil	S21-De54649					X	X		X	X	

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Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
21	AI_TP62-0.1	Dec 20, 2021		Soil	S21-De54650	X				X		X	X	X	
22	AI_TP62-0.4	Dec 20, 2021		Soil	S21-De54651					X	X		X	X	
23	AI_TP71-0.1	Dec 20, 2021		Soil	S21-De54652	X				X		X	X	X	
24	AI_TP71-0.4	Dec 20, 2021		Soil	S21-De54653					X	X		X	X	
25	AI_TP105-0.1	Dec 20, 2021		Soil	S21-De54654	X				X		X	X	X	
26	AI_TP105-0.4	Dec 20, 2021		Soil	S21-De54655					X	X		X	X	
27	AI_TP108-0.1	Dec 20, 2021		Soil	S21-De54656	X				X		X	X	X	
28	AI_TP108-0.5	Dec 20, 2021		Soil	S21-De54657					X	X		X	X	
29	AI_20211220-D01	Dec 20, 2021		Soil	S21-De54658					X	X		X	X	
30	AI_20211220-	Dec 20, 2021		Soil	S21-De54659				X					X	

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
	D02														
31	AI_20211220-D03	Dec 20, 2021		Soil	S21-De54660					X	X		X	X	
32	AI_TRIP SPIKE	Dec 20, 2021		Water	S21-De54661										X
33	AI_TRIP BLANK	Dec 20, 2021		Water	S21-De54662			X							
34	AI_20211220-T03	Dec 20, 2021		Soil	S21-De54663					X	X		X	X	
35	AI_20211220-T02	Dec 20, 2021		Soil	S21-De54664				X					X	
36	AI_20211220-T01	Dec 20, 2021		Soil	S21-De54665					X	X		X	X	

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Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
37	AI_TP09-0.1	Dec 20, 2021		Soil	S21-De54666		X								
Test Counts						14	1	1	34	34	18	14	32	34	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	96			70-130	Pass	
TRH C10-C14	%	126			70-130	Pass	
Naphthalene	%	110			70-130	Pass	
TRH C6-C10	%	90			70-130	Pass	
TRH >C10-C16	%	120			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	125			70-130	Pass	
Toluene	%	122			70-130	Pass	
Ethylbenzene	%	113			70-130	Pass	
m&p-Xylenes	%	129			70-130	Pass	
o-Xylene	%	129			70-130	Pass	
Xylenes - Total*	%	129			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	117			70-130	Pass	
1.1.1-Trichloroethane	%	108			70-130	Pass	
1.2-Dichlorobenzene	%	115			70-130	Pass	
1.2-Dichloroethane	%	128			70-130	Pass	
Trichloroethene	%	108			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	85			70-130	Pass	
Acenaphthylene	%	79			70-130	Pass	
Anthracene	%	74			70-130	Pass	
Benz(a)anthracene	%	84			70-130	Pass	
Benzo(a)pyrene	%	91			70-130	Pass	
Benzo(b&j)fluoranthene	%	97			70-130	Pass	
Benzo(g.h.i)perylene	%	99			70-130	Pass	
Benzo(k)fluoranthene	%	91			70-130	Pass	
Chrysene	%	86			70-130	Pass	
Dibenz(a.h)anthracene	%	83			70-130	Pass	
Fluoranthene	%	78			70-130	Pass	
Fluorene	%	82			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	88			70-130	Pass	
Naphthalene	%	91			70-130	Pass	
Phenanthrene	%	83			70-130	Pass	
Pyrene	%	70			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Methyl-4.6-dinitrophenol	%	81			25-140	Pass	
1.2.4-Trichlorobenzene	%	97			70-130	Pass	
1.4-Dichlorobenzene	%	96			70-130	Pass	
2-Chlorophenol	%	91			25-140	Pass	
2-Methylphenol (o-Cresol)	%	92			25-140	Pass	
2-Nitrophenol	%	121			25-140	Pass	
2.4-Dichlorophenol	%	83			25-140	Pass	
2.4-Dimethylphenol	%	91			25-140	Pass	
2.4-Dinitrotoluene	%	91			70-130	Pass	
2.4.5-Trichlorophenol	%	81			25-140	Pass	
2.4.6-Trichlorophenol	%	77			25-140	Pass	
2.6-Dichlorophenol	%	88			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	99			25-140	Pass	
4-Chloro-3-methylphenol	%	96			25-140	Pass	
4-Nitrophenol	%	108			25-140	Pass	
Acenaphthene	%	88			70-130	Pass	
Acenaphthylene	%	73			70-130	Pass	
Anthracene	%	82			70-130	Pass	
Benz(a)anthracene	%	73			70-130	Pass	
Benzo(a)pyrene	%	78			70-130	Pass	
Benzo(b&j)fluoranthene	%	84			70-130	Pass	
Benzo(g.h.i)perylene	%	89			70-130	Pass	
Benzo(k)fluoranthene	%	77			70-130	Pass	
Chrysene	%	73			70-130	Pass	
Dibenz(a.h)anthracene	%	83			70-130	Pass	
Endrin aldehyde	%	118			70-130	Pass	
Fluoranthene	%	82			70-130	Pass	
Fluorene	%	72			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	86			70-130	Pass	
N-Nitrosodipropylamine	%	104			70-130	Pass	
Naphthalene	%	83			70-130	Pass	
Phenanthrene	%	86			70-130	Pass	
Phenol	%	91			25-140	Pass	
Pyrene	%	77			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	101			80-120	Pass	
Cadmium	%	104			80-120	Pass	
Chromium	%	100			80-120	Pass	
Copper	%	101			80-120	Pass	
Lead	%	102			80-120	Pass	
Mercury	%	119			80-120	Pass	
Nickel	%	99			80-120	Pass	
Zinc	%	98			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	97			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	97			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	98			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	95			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	91			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	95			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	92			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	94			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorododecanoic acid (PFDoDA)	%	100			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	90			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	85			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	94			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	83			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	102			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	93			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	93			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	99			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	97			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	85			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	80			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	103			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	80			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	95			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	93			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	93			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	96			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	100			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	94			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	98			50-150	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	75			70-130	Pass	
4.4'-DDD	%	71			70-130	Pass	
4.4'-DDE	%	76			70-130	Pass	
4.4'-DDT	%	88			70-130	Pass	
a-HCH	%	82			70-130	Pass	
Aldrin	%	81			70-130	Pass	
b-HCH	%	82			70-130	Pass	
d-HCH	%	81			70-130	Pass	
Dieldrin	%	76			70-130	Pass	
Endosulfan I	%	75			70-130	Pass	
Endosulfan II	%	76			70-130	Pass	
Endosulfan sulphate	%	124			70-130	Pass	
Endrin	%	95			70-130	Pass	
Endrin aldehyde	%	118			70-130	Pass	
Endrin ketone	%	100			70-130	Pass	
g-HCH (Lindane)	%	71			70-130	Pass	
Heptachlor	%	89			70-130	Pass	
Heptachlor epoxide	%	70			70-130	Pass	
Hexachlorobenzene	%	84			70-130	Pass	
Methoxychlor	%	88			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	89			70-130	Pass	
Dimethoate	%	110			70-130	Pass	

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Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Ethion			%	95			70-130	Pass	
Fenitrothion			%	124			70-130	Pass	
Methyl parathion			%	124			70-130	Pass	
Mevinphos			%	117			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Semivolatile Organics				Result 1					
1.2.4-Trichlorobenzene	S21-De52995	NCP	%	105			70-130	Pass	
1.4-Dichlorobenzene	S21-De52995	NCP	%	90			70-130	Pass	
2.4-Dinitrotoluene	S21-De52995	NCP	%	100			70-130	Pass	
N-Nitrosodipropylamine	S21-De52995	NCP	%	100			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-De54630	CP	%	97			75-125	Pass	
Cadmium	S21-De54630	CP	%	101			75-125	Pass	
Chromium	S21-De54630	CP	%	92			75-125	Pass	
Copper	S21-De54630	CP	%	94			75-125	Pass	
Lead	S21-De54630	CP	%	106			75-125	Pass	
Mercury	S21-De54630	CP	%	85			75-125	Pass	
Nickel	S21-De54630	CP	%	96			75-125	Pass	
Zinc	S21-De54630	CP	%	101			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-De54631	CP	%	96			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De54631	CP	%	101			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De54631	CP	%	96			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De54631	CP	%	95			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-De54631	CP	%	92			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-De54631	CP	%	98			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-De54631	CP	%	96			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De54631	CP	%	94			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De54631	CP	%	110			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De54631	CP	%	102			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De54631	CP	%	89			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-De54631	CP	%	97			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De54631	CP	%	89			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De54631	CP	%	99			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De54631	CP	%	93			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De54631	CP	%	104			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De54631	CP	%	99			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De54631	CP	%	92			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorobutanesulfonic acid (PFBS)	S21-De54631	CP	%	90			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De54631	CP	%	81			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De54631	CP	%	114			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De54631	CP	%	90			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De54631	CP	%	95			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De54631	CP	%	94			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De54631	CP	%	89			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De54631	CP	%	96			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De54631	CP	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De54631	CP	%	105			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De54631	CP	%	90			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De54631	CP	%	90			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S21-De54636	CP	%	82			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-De54636	CP	%	79			70-130	Pass	
Toluene	S21-De54636	CP	%	80			70-130	Pass	
Ethylbenzene	S21-De54636	CP	%	80			70-130	Pass	
m&p-Xylenes	S21-De54636	CP	%	87			70-130	Pass	
o-Xylene	S21-De54636	CP	%	90			70-130	Pass	
Xylenes - Total*	S21-De54636	CP	%	88			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-De54644	CP	%	87			70-130	Pass	
Naphthalene	S21-De54644	CP	%	77			70-130	Pass	
TRH >C10-C16	S21-De54644	CP	%	86			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-De54644	CP	%	71			70-130	Pass	
Toluene	S21-De54644	CP	%	70			70-130	Pass	
m&p-Xylenes	S21-De54644	CP	%	74			70-130	Pass	
o-Xylene	S21-De54644	CP	%	76			70-130	Pass	
Xylenes - Total*	S21-De54644	CP	%	75			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-De54650	CP	%	93			75-125	Pass	
Cadmium	S21-De54650	CP	%	100			75-125	Pass	
Chromium	S21-De54650	CP	%	88			75-125	Pass	
Copper	S21-De54650	CP	%	92			75-125	Pass	
Lead	S21-De54650	CP	%	92			75-125	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Mercury	S21-De54650	CP	%	77			75-125	Pass	
Nickel	S21-De54650	CP	%	90			75-125	Pass	
Zinc	S21-De54650	CP	%	87			75-125	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Copper	S21-De54663	CP	%	119			75-125	Pass	
Mercury	S21-De54663	CP	%	121			75-125	Pass	
Nickel	S21-De54663	CP	%	121			75-125	Pass	
Zinc	S21-De54663	CP	%	110			75-125	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De54630	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De54630	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorooctanesulfonic acid (PFOS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De54630	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De54630	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-De54633	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S21-De54633	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-De54633	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-De54633	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-De54633	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S21-De54633	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-De54633	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-De54633	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De54633	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-De54633	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-De54633	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-De54633	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-De54633	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-De54633	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
4-Chlorotoluene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-De54633	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De54634	CP	%	19	19	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De54639	CP	mg/kg	9.9	11	6.0	30%	Pass	
Cadmium	S21-De54639	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De54639	CP	mg/kg	29	34	16	30%	Pass	
Copper	S21-De54639	CP	mg/kg	20	22	6.0	30%	Pass	
Lead	S21-De54639	CP	mg/kg	18	17	7.0	30%	Pass	
Mercury	S21-De54639	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De54639	CP	mg/kg	18	20	6.0	30%	Pass	
Zinc	S21-De54639	CP	mg/kg	31	32	2.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De54640	CP	mg/kg	8.2	8.3	2.0	30%	Pass	
Cadmium	S21-De54640	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De54640	CP	mg/kg	21	23	11	30%	Pass	
Copper	S21-De54640	CP	mg/kg	10	9.5	9.0	30%	Pass	
Lead	S21-De54640	CP	mg/kg	20	17	15	30%	Pass	
Mercury	S21-De54640	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De54640	CP	mg/kg	7.9	8.2	5.0	30%	Pass	
Zinc	S21-De54640	CP	mg/kg	12	14	11	30%	Pass	

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Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-De54643	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-De54643	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-De54643	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-De54643	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-De54643	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-De54643	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De54644	CP	%	17	16	5.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-De54645	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-De54645	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De54645	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-De54645	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-De54645	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-De54645	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-De54645	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-De54645	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Chloroform	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-De54645	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De54645	CP	mg/kg	11	11	1.0	30%	Pass	
Cadmium	S21-De54645	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De54645	CP	mg/kg	30	31	<1	30%	Pass	
Copper	S21-De54645	CP	mg/kg	19	18	7.0	30%	Pass	
Lead	S21-De54645	CP	mg/kg	23	20	12	30%	Pass	
Mercury	S21-De54645	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De54645	CP	mg/kg	11	10.0	6.0	30%	Pass	
Zinc	S21-De54645	CP	mg/kg	32	28	16	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De54649	CP	mg/kg	17	14	20	30%	Pass	
Cadmium	S21-De54649	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De54649	CP	mg/kg	40	29	33	30%	Fail	Q15
Copper	S21-De54649	CP	mg/kg	23	21	10	30%	Pass	
Lead	S21-De54649	CP	mg/kg	29	27	4.0	30%	Pass	
Mercury	S21-De54649	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De54649	CP	mg/kg	13	12	5.0	30%	Pass	
Zinc	S21-De54649	CP	mg/kg	43	40	9.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-De54653	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S21-De54653	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-De54653	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-De54653	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-De54653	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S21-De54653	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-De54653	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-De54653	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De54653	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-De54653	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-De54653	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
BTEX				Result 1	Result 2	RPD			
o-Xylene	S21-De54653	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-De54653	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-De54653	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-De54653	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-De54653	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-De54653	CP	mg/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
4.4'-DDD	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Acetophenone	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-De54653	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-De54653	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-De54653	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Dieldrin	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-De54653	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-De54653	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-De54653	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-De54653	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-De54653	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-De54653	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De54654	CP	%	22	21	5.0	30%	Pass	

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Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-De54658	CP	mg/kg	25	< 20	130	30%	Fail	Q15
TRH C15-C28	S21-De54658	CP	mg/kg	59	< 50	71	30%	Fail	Q15
TRH C29-C36	S21-De54658	CP	mg/kg	60	< 50	25	30%	Pass	
TRH >C10-C16	S21-De54658	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-De54658	CP	mg/kg	110	< 100	46	30%	Fail	Q15
TRH >C34-C40	S21-De54658	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-De54658	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-De54658	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2.6-Dinitrotoluene	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-De54658	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-De54658	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Acetophenone	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-De54658	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-De54658	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-De54658	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-De54658	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-De54658	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-De54658	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-De54658	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-De54658	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tetrachlorvinphos	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-De54658	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De54660	CP	mg/kg	2.4	2.7	13	30%	Pass	
Cadmium	S21-De54660	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De54660	CP	mg/kg	15	15	2.0	30%	Pass	
Copper	S21-De54660	CP	mg/kg	27	25	7.0	30%	Pass	
Lead	S21-De54660	CP	mg/kg	8.3	7.4	11	30%	Pass	
Mercury	S21-De54660	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De54660	CP	mg/kg	12	11	7.0	30%	Pass	
Zinc	S21-De54660	CP	mg/kg	68	63	7.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De54663	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De54663	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluoroheptanesulfonic acid (PFHpS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De54663	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De54663	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q08	The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **852729-W-V2**
Project name BRADFIELD CITY CENTRE
Project ID O571466
Received Date Dec 21, 2021

Client Sample ID			**AI_TRIP SPIKE**	**AI_TRIP BLANK**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S21-De54661**	**S21-De54662**
Date Sampled			**Dec 20, 2021**	**Dec 20, 2021**
Test/Reference	LOR	Unit		
BTEX				
Benzene	1	%	100	-
Ethylbenzene	1	%	90	-
m&p-Xylenes	1	%	110	-
o-Xylene	1	%	85	-
Toluene	1	%	89	-
Xylenes - Total	1	%	93	-
4-Bromofluorobenzene (surr.)	1	%	100	-
BTEX				
Benzene	0.001	mg/L	-	< 0.001
Toluene	0.001	mg/L	-	< 0.001
Ethylbenzene	0.001	mg/L	-	< 0.001
m&p-Xylenes	0.002	mg/L	-	< 0.002
o-Xylene	0.001	mg/L	-	< 0.001
Xylenes - Total*	0.003	mg/L	-	< 0.003
4-Bromofluorobenzene (surr.)	1	%	-	101

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Dec 22, 2021	14 Days

- Method: LTM-ORG-2010 TRH C6-C40

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eurofins | Environment Testing

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: O571466

Order No.:
Report #: 852729
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 21, 2021 2:22 PM
Due: Dec 30, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**										
1	AI_TP27-0.1	Dec 20, 2021		Soil	S21-De54630	X				X		X	X	X	
2	AI_TP27-0.4	Dec 20, 2021		Soil	S21-De54631					X	X		X	X	
3	AI_TP28-0.1	Dec 20, 2021		Soil	S21-De54632	X				X		X	X	X	
4	AI_TP28-0.5	Dec 20, 2021		Soil	S21-De54633					X	X		X	X	
5	AI_TP60-0.1	Dec 20, 2021		Soil	S21-De54634	X				X		X	X	X	
6	AI_TP60-0.5	Dec 20, 2021		Soil	S21-De54635					X	X		X	X	
7	AI_TP59-0.1	Dec 20, 2021		Soil	S21-De54636	X				X		X	X	X	
8	AI_TP59-0.4	Dec 20, 2021		Soil	S21-De54637					X	X		X	X	
9	AI_TP58-0.1	Dec 20, 2021		Soil	S21-De54638	X				X		X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
10	AI_TP58-0.4	Dec 20, 2021		Soil	S21-De54639					X	X		X	X	
11	AI_TP46-0.1	Dec 20, 2021		Soil	S21-De54640	X				X		X	X	X	
12	AI_TP46-0.4	Dec 20, 2021		Soil	S21-De54641					X	X		X	X	
13	AI_TP47-0.1	Dec 20, 2021		Soil	S21-De54642	X				X		X	X	X	
14	AI_TP47-0.4	Dec 20, 2021		Soil	S21-De54643					X	X		X	X	
15	AI_TP37-0.1	Dec 20, 2021		Soil	S21-De54644	X				X		X	X	X	
16	AI_TP37-0.4	Dec 20, 2021		Soil	S21-De54645					X	X		X	X	
17	AI_TP48-0.1	Dec 20, 2021		Soil	S21-De54646	X				X		X	X	X	
18	AI_TP48-0.4	Dec 20, 2021		Soil	S21-De54647					X	X		X	X	
19	AI_TP61-0.1	Dec 20, 2021		Soil	S21-De54648	X				X		X	X	X	
20	AI_TP61-0.4	Dec 20, 2021		Soil	S21-De54649					X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
21	AI_TP62-0.1	Dec 20, 2021		Soil	S21-De54650	X				X		X	X	X	
22	AI_TP62-0.4	Dec 20, 2021		Soil	S21-De54651					X	X		X	X	
23	AI_TP71-0.1	Dec 20, 2021		Soil	S21-De54652	X				X		X	X	X	
24	AI_TP71-0.4	Dec 20, 2021		Soil	S21-De54653					X	X		X	X	
25	AI_TP105-0.1	Dec 20, 2021		Soil	S21-De54654	X				X		X	X	X	
26	AI_TP105-0.4	Dec 20, 2021		Soil	S21-De54655					X	X		X	X	
27	AI_TP108-0.1	Dec 20, 2021		Soil	S21-De54656	X				X		X	X	X	
28	AI_TP108-0.5	Dec 20, 2021		Soil	S21-De54657					X	X		X	X	
29	AI_20211220-D01	Dec 20, 2021		Soil	S21-De54658					X	X		X	X	
30	AI_20211220-	Dec 20, 2021		Soil	S21-De54659				X					X	

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
	D02														
31	AI_20211220-D03	Dec 20, 2021		Soil	S21-De54660					X	X		X	X	
32	AI_TRIP SPIKE	Dec 20, 2021		Water	S21-De54661										X
33	AI_TRIP BLANK	Dec 20, 2021		Water	S21-De54662			X							
34	AI_20211220-T03	Dec 20, 2021		Soil	S21-De54663					X	X		X	X	
35	AI_20211220-T02	Dec 20, 2021		Soil	S21-De54664				X					X	
36	AI_20211220-T01	Dec 20, 2021		Soil	S21-De54665					X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254															
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X	X				X	
Mayfield Laboratory - NATA # 1261 Site # 25079															
Perth Laboratory - NATA # 2377 Site # 2370															
External Laboratory															
37	AI_TP09-0.1	Dec 20, 2021		Soil	S21-De54666		X								
Test Counts						14	1	1	34	34	18	14	32	34	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

.

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Lab Sample ID	QA Source	Units	Result 1	Result 2	RPD	Acceptance Limits	Pass Limits	Qualifying Code
Method Blank									
BTEX									
Benzene			mg/L	< 0.001			0.001	Pass	
Toluene			mg/L	< 0.001			0.001	Pass	
Ethylbenzene			mg/L	< 0.001			0.001	Pass	
m&p-Xylenes			mg/L	< 0.002			0.002	Pass	
o-Xylene			mg/L	< 0.001			0.001	Pass	
Xylenes - Total*			mg/L	< 0.003			0.003	Pass	
LCS - % Recovery									
BTEX									
Benzene			%	91			70-130	Pass	
Toluene			%	96			70-130	Pass	
Ethylbenzene			%	103			70-130	Pass	
m&p-Xylenes			%	106			70-130	Pass	
o-Xylene			%	106			70-130	Pass	
Xylenes - Total*			%	106			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-De54056	NCP	%	71			70-130	Pass	
Toluene	S21-De54056	NCP	%	74			70-130	Pass	
Ethylbenzene	S21-De54056	NCP	%	79			70-130	Pass	
m&p-Xylenes	S21-De54056	NCP	%	83			70-130	Pass	
o-Xylene	S21-De54056	NCP	%	83			70-130	Pass	
Xylenes - Total*	S21-De54056	NCP	%	83			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De54055	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S21-De54055	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S21-De54055	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S21-De54055	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S21-De54055	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S21-De54055	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

John Nguyen	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

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☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc.)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where multiple are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP76_0.1	21.12.21	S	X												*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP76_0.4				X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP75_0.1			X												
4	TP75_0.4				X											
5	TP86_0.1			X												
6	TP86_0.4				X											
7	TP79_0.4				X											
8	TP80_0.4				X											
9	TP81_0.4				X											
10	TP81_0.1			X												
	Total Counts															

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Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Jack Emblen	Signature		Date	22/12/21	Time	07:00
Laboratory Use Only	Received By	A.J	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	22/12/21	Time	1:36 PM	Temperature	20.6
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	853214

Eurofins Environment Testing Australia Pty Ltd

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	20211221_D01	21.12.21	S		X		
2							
3	20211221_T01	21.12.21	S		X		
4							
5							
6							
7							
8							
9							
10							
	Total Counts						

Containers Change container type & size if necessary

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

Required Turnaround Time (TAT) Default will be 5 days if not ticked

♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOCs/VOCs/heavy metals (8)/OCP/OPP

**Solid suite B = PFAS, TRH/BTEX/PAHs/SOCs/VOCs/heavy metals (8)/OCP/OPP

Please send to ALS

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only

Received By	A.S	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	22/12/21	Time	1:36pm	Temperature 20.6
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 853214

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc.)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where multiple are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP76_0.1	21.12.21	S	X												*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP76_0.4				X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP75_0.1			X												
4	TP75_0.4				X											
5	TP86_0.1			X												
6	TP86_0.4				X											
7	TP79_0.4				X											
8	TP80_0.4				X											
9	TP81_0.4				X											
10	TP81_0.1			X												
	Total Counts															

DRAFT

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Jack Emblen	Signature		Date	22/12/21	Time	07:00
Laboratory Use Only	Received By	A.J	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	22/12/21	Time	1:36 PM	Temperature	20.6
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	853214

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	20211221_D01	21.12.21	S		X		
2							
3	20211221_T01	21.12.21	S		X		
4							
5							
6							
7							
8							
9							
10							
	Total Counts						

Containers Change container type & size if necessary

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

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- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOCs/VOCs/heavy metals (8)/OCP/OPP

**Solid suite B = PFAS, TRH/BTEX/PAHs/SOCs/VOCs/heavy metals (8)/OCP/OPP

Please send to ALS

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only

Received By	A.S	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	22/12/21	Time	1:36pm	Temperature 20.6
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 853214

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0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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www.eurofins.com.au EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Melbourne
6 Monterey Road
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Phone : +61 3 8564 5000
NATA # 1261 Site # 1254

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Perth
46-48 Banksia Road
Welshpool WA 6106
Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

Auckland
35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	BRADFIELD CITY CENTRE
Project ID:	571466
Turnaround time:	5 Day
Date/Time received	Dec 22, 2021 1:36 PM
Eurofins reference	853214

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✗	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Please advise on the analysis of the samples 20211221-D02 and 20211221-T02 which are not listed in the COC.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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6 Monterey Road
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NATA # 1261 Site # 25079

Eurofins ARL Pty Ltd
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Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

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35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853214
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 22, 2021 1:36 PM
Due: Dec 31, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254												
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794							X					X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**							
1	AI_TP76-0.1	Dec 21, 2021		Soil	S21-De58781	X		X		X	X	X
2	AI_TP76-0.4	Dec 21, 2021		Soil	S21-De58782			X	X		X	X
3	AI_TP75-0.1	Dec 21, 2021		Soil	S21-De58783	X		X		X	X	X
4	AI_TP75-0.4	Dec 21, 2021		Soil	S21-De58784			X	X		X	X
5	AI_TP86-0.1	Dec 21, 2021		Soil	S21-De58785	X		X		X	X	X
6	AI_TP86-0.4	Dec 21, 2021		Soil	S21-De58786			X	X		X	X
7	AI_TP79-0.4	Dec 21, 2021		Soil	S21-De58787			X	X		X	X
8	AI_TP80-0.4	Dec 21, 2021		Soil	S21-De58788			X	X		X	X
9	AI_TP81-0.4	Dec 21, 2021		Soil	S21-De58789			X	X		X	X

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853214
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 22, 2021 1:36 PM
Due: Dec 31, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254												
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794							X					X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
10	AI_TP81-0.1	Dec 21, 2021		Soil	S21-De58790	X		X		X	X	X
11	AI_20211221-D01	Dec 21, 2021		Soil	S21-De58791			X	X		X	X
12	AI_20211221-D02	Dec 21, 2021		Water	S21-De58792		X					
13	AI_20211221-T02	Dec 21, 2021		Water	S21-De58793		X					
Test Counts						4	2	11	7	4	11	11

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Certificate of Analysis

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention:	Nicholas Grbich
Report	853214-AID-V2
Project Name	BRADFIELD CITY CENTRE
Project ID	571466
Received Date	Dec 22, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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DRAFT

Project Name BRADFIELD CITY CENTRE
Project ID 571466
Date Sampled Dec 21, 2021
Report 853214-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP76-0.1	21-De58781	Dec 21, 2021	Approximate Sample 492g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP75-0.1	21-De58783	Dec 21, 2021	Approximate Sample 460g Sample consisted of: Brown coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP86-0.1	21-De58785	Dec 21, 2021	Approximate Sample 275g Sample consisted of: Brown coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP81-0.1	21-De58790	Dec 21, 2021	Approximate Sample 477g Sample consisted of: Brown coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Dec 24, 2021	Indefinite

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email: EnviroSales@eurofins.com

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853214
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 22, 2021 1:36 PM
Due: Dec 31, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254												
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794							X					X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**							
1	AI_TP76-0.1	Dec 21, 2021		Soil	S21-De58781	X		X		X	X	X
2	AI_TP76-0.4	Dec 21, 2021		Soil	S21-De58782			X	X		X	X
3	AI_TP75-0.1	Dec 21, 2021		Soil	S21-De58783	X		X		X	X	X
4	AI_TP75-0.4	Dec 21, 2021		Soil	S21-De58784			X	X		X	X
5	AI_TP86-0.1	Dec 21, 2021		Soil	S21-De58785	X		X		X	X	X
6	AI_TP86-0.4	Dec 21, 2021		Soil	S21-De58786			X	X		X	X
7	AI_TP79-0.4	Dec 21, 2021		Soil	S21-De58787			X	X		X	X
8	AI_TP80-0.4	Dec 21, 2021		Soil	S21-De58788			X	X		X	X
9	AI_TP81-0.4	Dec 21, 2021		Soil	S21-De58789			X	X		X	X

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NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853214
Phone: 02 8584 8888
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Received: Dec 22, 2021 1:36 PM
Due: Dec 31, 2021
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Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254												
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794							X					X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
10	AI_TP81-0.1	Dec 21, 2021		Soil	S21-De58790	X		X		X	X	X
11	AI_20211221-D01	Dec 21, 2021		Soil	S21-De58791			X	X		X	X
12	AI_20211221-D02	Dec 21, 2021		Water	S21-De58792		X					
13	AI_20211221-T02	Dec 21, 2021		Water	S21-De58793		X					
Test Counts						4	2	11	7	4	11	11

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Authorised by:

Laxman Dias	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **853214-S-V2**
Project name BRADFIELD CITY CENTRE
Project ID 571466
Received Date Dec 22, 2021

Client Sample ID			**AI_TP76-0.1**	**AI_TP76-0.4**	**AI_TP75-0.1**	**AI_TP75-0.4**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S21-De58781**	**S21-De58782**	**S21-De58783**	**S21-De58784**
Date Sampled			**Dec 21, 2021**	**Dec 21, 2021**	**Dec 21, 2021**	**Dec 21, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	73	81	98	80
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP76-0.1	AI_TP76-0.4	AI_TP75-0.1	AI_TP75-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58781	S21-De58782	S21-De58783	S21-De58784
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	73	81	98	80
Toluene-d8 (surr.)	1	%	80	90	109	80

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Client Sample ID			AI_TP76-0.1	AI_TP76-0.4	AI_TP75-0.1	AI_TP75-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58781	S21-De58782	S21-De58783	S21-De58784
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	104	86	77
p-Terphenyl-d14 (surr.)	1	%	117	115	106	79
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	119	104	86	77
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP76-0.1	AI_TP76-0.4	AI_TP75-0.1	AI_TP75-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58781	S21-De58782	S21-De58783	S21-De58784
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%		INT	59	64
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 1	< 1	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP76-0.1	AI_TP76-0.4	AI_TP75-0.1	AI_TP75-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58781	S21-De58782	S21-De58783	S21-De58784
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%		117	100	112
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	70	114	98	89
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.9	6.4	5.2	5.5
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	20	13	20
Copper	5	mg/kg	17	21	16	24
Lead	5	mg/kg	27	13	17	9.7
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10	9.2	7.8	7.1
Zinc	5	mg/kg	40	28	67	33
% Moisture	1	%	31	20	31	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP76-0.1	AI_TP76-0.4	AI_TP75-0.1	AI_TP75-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58781	S21-De58782	S21-De58783	S21-De58784
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	85	110	86	98
13C5-PFPeA (surr.)	1	%	69	88	75	80
13C5-PFHxA (surr.)	1	%	80	112	85	100
13C4-PFHpA (surr.)	1	%	81	104	89	92
13C8-PFOA (surr.)	1	%	89	100	79	87
13C5-PFNA (surr.)	1	%	87	108	90	96
13C6-PFDA (surr.)	1	%	87	104	83	97
13C2-PFUnDA (surr.)	1	%	65	81	68	76
13C2-PFDoDA (surr.)	1	%	76	93	80	84
13C2-PFTeDA (surr.)	1	%	80	105	84	93
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	91	103	95	95
D3-N-MeFOSA (surr.)	1	%	74	91	71	82
D5-N-EtFOSA (surr.)	1	%	98	127	110	110
D7-N-MeFOSE (surr.)	1	%	101	132	99	107
D9-N-EtFOSE (surr.)	1	%	121	151	109	116
D5-N-EtFOSAA (surr.)	1	%	75	97	78	83
D3-N-MeFOSAA (surr.)	1	%	81	97	79	90
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	98	105	99	98
18O2-PFHxS (surr.)	1	%	84	103	80	96
13C8-PFOS (surr.)	1	%	81	101	85	89

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Client Sample ID			AI_TP76-0.1	AI_TP76-0.4	AI_TP75-0.1	AI_TP75-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58781	S21-De58782	S21-De58783	S21-De58784
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	125	116	134	145
13C2-6:2 FTSA (surr.)	1	%	101	126	62	92
13C2-8:2 FTSA (surr.)	1	%	122	142	122	108
13C2-10:2 FTSA (surr.)	1	%	89	107	93	100
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	81	-	75
Tetrachloro-m-xylene (surr.)	1	%	-	99	-	79

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Client Sample ID			AI_TP76-0.1	AI_TP76-0.4	AI_TP75-0.1	AI_TP75-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58781	S21-De58782	S21-De58783	S21-De58784
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	106	-	95

Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	65	79	83	81
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	65	79	83	81
Toluene-d8 (surr.)	1	%	67	89	86	85
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	98	110	111	94
p-Terphenyl-d14 (surr.)	1	%	114	121	122	113

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	98	110	111	94
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	75	74	57	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	105	114	98	90
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	103	115	110	99
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	11	5.8	14
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	24	34	16	28
Copper	5	mg/kg	26	26	18	29
Lead	5	mg/kg	24	23	15	29
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	15	9.0	18
Zinc	5	mg/kg	66	72	26	45
% Moisture	1	%	24	24	21	22
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	87	93	84	76
13C5-PFPeA (surr.)	1	%	79	81	69	70
13C5-PFHxA (surr.)	1	%	90	94	89	75
13C4-PFHpA (surr.)	1	%	90	98	78	80
13C8-PFOA (surr.)	1	%	91	90	75	73
13C5-PFNA (surr.)	1	%	94	95	87	77
13C6-PFDA (surr.)	1	%	95	95	93	81
13C2-PFUnDA (surr.)	1	%	72	75	64	62
13C2-PFDoDA (surr.)	1	%	82	83	78	70
13C2-PFTeDA (surr.)	1	%	85	93	87	60

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	93	91	94	76
D3-N-MeFOSA (surr.)	1	%	66	71	75	56
D5-N-EtFOSA (surr.)	1	%	106	114	101	81
D7-N-MeFOSE (surr.)	1	%	84	84	122	75
D9-N-EtFOSE (surr.)	1	%	96	115	122	75
D5-N-EtFOSAA (surr.)	1	%	80	77	75	66
D3-N-MeFOSAA (surr.)	1	%	81	83	80	70
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	[N09]6.8	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	105	97	94	89
18O2-PFHxS (surr.)	1	%	85	95	83	75
13C8-PFOS (surr.)	1	%	82	91	84	75
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	164	136	89	112
13C2-6:2 FTSA (surr.)	1	%	111	110	76	79
13C2-8:2 FTSA (surr.)	1	%	142	133	96	118
13C2-10:2 FTSA (surr.)	1	%	97	99	92	81
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	6.8	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	6.8	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	6.8	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	95	83	82
Tetrachloro-m-xylene (surr.)	1	%	-	101	102	99
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP86-0.1	AI_TP86-0.4	AI_TP79-0.4	AI_TP80-0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-De58785	S21-De58786	S21-De58787	S21-De58788
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	< 2	< 2	< 2
Naled	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	-	< 2	< 2	< 2
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	111	107	99

Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	20	mg/kg	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	1200
TRH C15-C28	50	mg/kg	< 50	< 50	470
TRH C29-C36	50	mg/kg	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	1670
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	1600
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	1600
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	1600
BTEX					
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	86	56	87
Volatile Organics					
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Volatile Organics					
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3

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Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Volatile Organics					
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	86	56	87
Toluene-d8 (surr.)	1	%	96	57	98
Polycyclic Aromatic Hydrocarbons					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	104	91
p-Terphenyl-d14 (surr.)	1	%	121	111	96
Semivolatile Organics					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	104	104	91
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2

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Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	65	60	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Semivolatile Organics					
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	102	103	106
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	111	97	119
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heavy Metals					
Arsenic	2	mg/kg	4.5	3.5	5.3
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	14	11	17
Copper	5	mg/kg	18	15	21
Lead	5	mg/kg	12	16	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.0	9.2	10
Zinc	5	mg/kg	28	57	55
% Moisture	1	%	23	35	25

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Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	75	76	89
13C5-PFPeA (surr.)	1	%	62	80	80
13C5-PFHxA (surr.)	1	%	77	81	88
13C4-PFHpA (surr.)	1	%	69	73	92
13C8-PFOA (surr.)	1	%	68	87	95
13C5-PFNA (surr.)	1	%	79	62	96
13C6-PFDA (surr.)	1	%	73	91	96
13C2-PFUnDA (surr.)	1	%	64	65	70
13C2-PFDoDA (surr.)	1	%	71	86	79
13C2-PFTeDA (surr.)	1	%	78	58	93
Perfluoroalkyl sulfonamido substances					
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	90	78	84
D3-N-MeFOSA (surr.)	1	%	75	69	71
D5-N-EtFOSA (surr.)	1	%	102	88	111
D7-N-MeFOSE (surr.)	1	%	109	71	96
D9-N-EtFOSE (surr.)	1	%	105	95	106
D5-N-EtFOSAA (surr.)	1	%	70	77	76
D3-N-MeFOSAA (surr.)	1	%	77	81	84
Perfluoroalkyl sulfonic acids (PFSAs)					
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5

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Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Perfluoroalkyl sulfonic acids (PFSAs)					
13C3-PFBS (surr.)	1	%	84	96	100
18O2-PFHxS (surr.)	1	%	76	92	90
13C8-PFOS (surr.)	1	%	77	84	92
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	89	121	151
13C2-6:2 FTSA (surr.)	1	%	60	69	155
13C2-8:2 FTSA (surr.)	1	%	74	68	128
13C2-10:2 FTSA (surr.)	1	%	83	77	93
PFASs Summations					
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50
Organochlorine Pesticides					
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	94	-	128
Tetrachloro-m-xylene (surr.)	1	%	102	-	88

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Client Sample ID			AI_TP81-0.4	AI_TP81-0.1	AI_20211221-D01
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S21-De58789	S21-De58790	S21-De58791
Date Sampled			Dec 21, 2021	Dec 21, 2021	Dec 21, 2021
Test/Reference	LOR	Unit			
Organophosphorus Pesticides					
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	106	-	102

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Dec 29, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Dec 29, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Dec 29, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Dec 29, 2021	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Dec 29, 2021	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Dec 29, 2021	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Dec 29, 2021	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Dec 29, 2021	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Dec 24, 2021	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jan 04, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Organochlorine Pesticides	Sydney	Dec 29, 2021	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Dec 29, 2021	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853214
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Dec 22, 2021 1:36 PM
Due: Dec 31, 2021
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254												
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794							X					X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**							
1	AI_TP76-0.1	Dec 21, 2021		Soil	S21-De58781	X		X		X	X	X
2	AI_TP76-0.4	Dec 21, 2021		Soil	S21-De58782			X	X		X	X
3	AI_TP75-0.1	Dec 21, 2021		Soil	S21-De58783	X		X		X	X	X
4	AI_TP75-0.4	Dec 21, 2021		Soil	S21-De58784			X	X		X	X
5	AI_TP86-0.1	Dec 21, 2021		Soil	S21-De58785	X		X		X	X	X
6	AI_TP86-0.4	Dec 21, 2021		Soil	S21-De58786			X	X		X	X
7	AI_TP79-0.4	Dec 21, 2021		Soil	S21-De58787			X	X		X	X
8	AI_TP80-0.4	Dec 21, 2021		Soil	S21-De58788			X	X		X	X
9	AI_TP81-0.4	Dec 21, 2021		Soil	S21-De58789			X	X		X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254												
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X	X	X	
Brisbane Laboratory - NATA # 1261 Site # 20794							X					X
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
10	AI_TP81-0.1	Dec 21, 2021		Soil	S21-De58790	X		X		X	X	X
11	AI_20211221-D01	Dec 21, 2021		Soil	S21-De58791			X	X		X	X
12	AI_20211221-D02	Dec 21, 2021		Water	S21-De58792		X					
13	AI_20211221-T02	Dec 21, 2021		Water	S21-De58793		X					
Test Counts						4	2	11	7	4	11	11

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	98			70-130	Pass	
TRH C10-C14	%	101			70-130	Pass	
Naphthalene	%	97			70-130	Pass	
TRH C6-C10	%	92			70-130	Pass	
TRH >C10-C16	%	97			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	120			70-130	Pass	
Toluene	%	111			70-130	Pass	
Ethylbenzene	%	104			70-130	Pass	
m&p-Xylenes	%	120			70-130	Pass	
o-Xylene	%	115			70-130	Pass	
Xylenes - Total*	%	119			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	84			70-130	Pass	
1.1.1-Trichloroethane	%	71			70-130	Pass	
1.2-Dichlorobenzene	%	96			70-130	Pass	
1.2-Dichloroethane	%	102			70-130	Pass	
Trichloroethene	%	87			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	88			70-130	Pass	
Acenaphthylene	%	79			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Anthracene	%	74			70-130	Pass	
Benz(a)anthracene	%	84			70-130	Pass	
Benzo(a)pyrene	%	91			70-130	Pass	
Benzo(b&j)fluoranthene	%	97			70-130	Pass	
Benzo(g.h.i)perylene	%	99			70-130	Pass	
Benzo(k)fluoranthene	%	91			70-130	Pass	
Chrysene	%	86			70-130	Pass	
Dibenz(a.h)anthracene	%	83			70-130	Pass	
Fluoranthene	%	78			70-130	Pass	
Fluorene	%	82			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	88			70-130	Pass	
Naphthalene	%	91			70-130	Pass	
Phenanthrene	%	83			70-130	Pass	
Pyrene	%	77			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	81			25-140	Pass	
1.2.4-Trichlorobenzene	%	97			70-130	Pass	
1.4-Dichlorobenzene	%	96			70-130	Pass	
2-Chlorophenol	%	94			25-140	Pass	
2-Methylphenol (o-Cresol)	%	92			25-140	Pass	
2-Nitrophenol	%	121			25-140	Pass	
2.4-Dichlorophenol	%	83			25-140	Pass	
2.4-Dimethylphenol	%	91			25-140	Pass	
2.4-Dinitrotoluene	%	91			70-130	Pass	
2.4.5-Trichlorophenol	%	70			25-140	Pass	
2.4.6-Trichlorophenol	%	77			25-140	Pass	
2.6-Dichlorophenol	%	88			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	99			25-140	Pass	
4-Chloro-3-methylphenol	%	96			25-140	Pass	
4-Nitrophenol	%	73			25-140	Pass	
Acenaphthene	%	106			70-130	Pass	
Acenaphthylene	%	84			70-130	Pass	
Anthracene	%	85			70-130	Pass	
Benz(a)anthracene	%	87			70-130	Pass	
Benzo(a)pyrene	%	93			70-130	Pass	
Benzo(b&j)fluoranthene	%	99			70-130	Pass	
Benzo(g.h.i)perylene	%	95			70-130	Pass	
Benzo(k)fluoranthene	%	93			70-130	Pass	
Chrysene	%	81			70-130	Pass	
Dibenz(a.h)anthracene	%	87			70-130	Pass	
Endrin aldehyde	%	118			70-130	Pass	
Fluoranthene	%	85			70-130	Pass	
Fluorene	%	89			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	89			70-130	Pass	
N-Nitrosodipropylamine	%	104			70-130	Pass	
Naphthalene	%	95			70-130	Pass	
Phenanthrene	%	92			70-130	Pass	
Phenol	%	92			25-140	Pass	
Pyrene	%	94			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	102			80-120	Pass	
Cadmium	%	110			80-120	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chromium	%	115			80-120	Pass	
Copper	%	113			80-120	Pass	
Lead	%	115			80-120	Pass	
Mercury	%	118			80-120	Pass	
Nickel	%	113			80-120	Pass	
Zinc	%	116			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	91			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	102			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	88			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	91			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	89			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	110			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	99			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	145			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	104			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	101			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	93			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	143			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	83			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	99			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	86			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	102			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	85			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	95			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	94			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	85			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	122			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	97			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	92			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	114			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	90			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	77			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	105			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	69			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	105			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	125			50-150	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	73			70-130	Pass	
4.4'-DDD	%	107			70-130	Pass	
4.4'-DDE	%	75			70-130	Pass	
4.4'-DDT	%	88			70-130	Pass	
a-HCH	%	80			70-130	Pass	
Aldrin	%	79			70-130	Pass	
b-HCH	%	81			70-130	Pass	
d-HCH	%	77			70-130	Pass	

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Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dieldrin			%	124			70-130	Pass	
Endosulfan I			%	125			70-130	Pass	
Endosulfan II			%	124			70-130	Pass	
Endosulfan sulphate			%	70			70-130	Pass	
Endrin			%	94			70-130	Pass	
Endrin aldehyde			%	118			70-130	Pass	
Endrin ketone			%	100			70-130	Pass	
g-HCH (Lindane)			%	85			70-130	Pass	
Heptachlor			%	89			70-130	Pass	
Heptachlor epoxide			%	116			70-130	Pass	
Hexachlorobenzene			%	81			70-130	Pass	
Methoxychlor			%	88			70-130	Pass	
LCS - % Recovery									
Organophosphorus Pesticides									
Diazinon			%	89			70-130	Pass	
Dimethoate			%	113			70-130	Pass	
Ethion			%	95			70-130	Pass	
Fenitrothion			%	124			70-130	Pass	
Methyl parathion			%	112			70-130	Pass	
Mevinphos			%	117			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S21-De58017	NCP	%	129			70-130	Pass	
Naphthalene	S21-De56972	NCP	%	77			70-130	Pass	
TRH >C10-C16	S21-De58017	NCP	%	129			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S21-De56972	NCP	%	86			70-130	Pass	
Toluene	S21-De56972	NCP	%	93			70-130	Pass	
Ethylbenzene	S21-De56972	NCP	%	93			70-130	Pass	
m&p-Xylenes	S21-De56972	NCP	%	92			70-130	Pass	
o-Xylene	S21-De56972	NCP	%	95			70-130	Pass	
Xylenes - Total*	S21-De56972	NCP	%	93			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
1.2.4-Trichlorobenzene	S21-De52995	NCP	%	105			70-130	Pass	
1.4-Dichlorobenzene	S21-De52995	NCP	%	90			70-130	Pass	
2.4-Dinitrotoluene	S21-De52995	NCP	%	100			70-130	Pass	
N-Nitrosodipropylamine	S21-De52995	NCP	%	100			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S21-De57568	NCP	%	99			75-125	Pass	
Cadmium	S21-De57568	NCP	%	105			75-125	Pass	
Chromium	S21-De57568	NCP	%	106			75-125	Pass	
Copper	S21-De57568	NCP	%	95			75-125	Pass	
Lead	S21-De57568	NCP	%	104			75-125	Pass	
Mercury	S21-De57568	NCP	%	111			75-125	Pass	
Nickel	S21-De57568	NCP	%	84			75-125	Pass	
Zinc	S21-De57568	NCP	%	107			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S21-De55423	NCP	%	108			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De55423	NCP	%	116			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	S21-De55423	NCP	%	100			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De55423	NCP	%	112			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S21-De55423	NCP	%	115			50-150	Pass	
Perfluorononanoic acid (PFNA)	S21-De55423	NCP	%	133			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S21-De55423	NCP	%	123			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De55423	NCP	%	140			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De55423	NCP	%	120			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De55423	NCP	%	141			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De55423	NCP	%	92			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S21-De55423	NCP	%	123			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De55423	NCP	%	93			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De55423	NCP	%	140			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De55423	NCP	%	110			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De55423	NCP	%	73			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De55423	NCP	%	68			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De55423	NCP	%	115			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S21-De55423	NCP	%	111			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De55423	NCP	%	149			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De55423	NCP	%	147			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De55423	NCP	%	124			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De55423	NCP	%	115			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De55423	NCP	%	142			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De55423	NCP	%	N/A			50-150	Fail	Q05
Perfluorodecanesulfonic acid (PFDS)	S21-De55423	NCP	%	131			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De55423	NCP	%	112			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De55423	NCP	%	146			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De55423	NCP	%	99			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De55423	NCP	%	149			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S21-De58030	NCP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S21-De58030	NCP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S21-De58030	NCP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S21-De58030	NCP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S21-De58030	NCP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S21-De58030	NCP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1-Naphthylamine	S21-De54658	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S21-De54658	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-De58782	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-De58782	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De58782	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-De58782	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-De58782	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-De58782	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-De58782	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-De58782	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Carbon Tetrachloride	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-De58782	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De58782	CP	mg/kg	6.4	6.5	2.0	30%	Pass	
Cadmium	S21-De58782	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De58782	CP	mg/kg	20	20	2.0	30%	Pass	
Copper	S21-De58782	CP	mg/kg	21	22	5.0	30%	Pass	
Lead	S21-De58782	CP	mg/kg	13	13	1.0	30%	Pass	
Mercury	S21-De58782	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De58782	CP	mg/kg	9.2	10	9.0	30%	Pass	
Zinc	S21-De58782	CP	mg/kg	28	27	2.0	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S21-De58783	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.2.3.4-Tetrachlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S21-De58783	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S21-De58783	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S21-De58783	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Acetophenone	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S21-De58783	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endosulfan sulphate	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S21-De58783	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S21-De58783	CP	mg/kg	5.2	5.9	12	30%	Pass	
Cadmium	S21-De58783	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S21-De58783	CP	mg/kg	13	14	10	30%	Pass	
Copper	S21-De58783	CP	mg/kg	16	18	15	30%	Pass	
Lead	S21-De58783	CP	mg/kg	17	19	14	30%	Pass	
Mercury	S21-De58783	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S21-De58783	CP	mg/kg	7.8	8.3	7.0	30%	Pass	
Zinc	S21-De58783	CP	mg/kg	67	77	13	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S21-De58783	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S21-De58783	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S21-De58783	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S21-De58783	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S21-De58783	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S21-De58783	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S21-De58783	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S21-De58787	CP	%	21	21	3.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S21-De58790	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S21-De58790	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De58790	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S21-De58790	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S21-De58790	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S21-De58790	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S21-De58790	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S21-De58790	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S21-De58790	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorononanoic acid (PFNA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S21-De58790	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S21-De58790	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S21-De58790	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S21-De58790	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N09	Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard.
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q05	The matrix spike concentration is less than five times the background concentration in the sample - therefore the spike recovery cannot be determined
Q08	The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 91 05 0159 898

Sydney Laboratory
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02 9900 8400 EnviroSampleNSW@eurofins.com

Brisbane Laboratory
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07 3902 4600 EnviroSampleQLD@eurofins.com

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08 9251 9600 EnviroSampleWA@eurofins.com

Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen			Sampler(s)	Jack Emblen
Phone №	0402 979 340			Handed over by	Jack Emblen
Special Directions				Email for Invoice	Nicholas Grbich
Purchase Order				Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com
Quote ID №					

Analyses (where metals are required, please specify Total or Filtered; SUITE code must be used to attach SUITE pricing)

Containers (change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

*Surcharge will apply

- ☐ Overnight (reporting by 9am)*
- ☐ Same day* ☐ 1 day*
- ☐ 2 days* ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)
1	TP145_0.1	8/11/21	S	X										
2	TP145_0.3	8/11/21	S		X									
3	TP144_0.1	8/11/21	S	X										
4	TP144_0.2	8/11/21	S		X									
5	TP144_0.3	8/11/21	S		X									
6	TP143_0.1	8/11/21	S	X										
7	TP143_0.3	8/11/21	S		X									
8	TP142_0.1	8/11/21	S	X										
9	TP142_0.3	8/11/21	S		X									
10	TP147_0.1	8/11/21	S	X										
			Total Counts	5	5									

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal Name JACK EMBLEN Signature Date 11/9/2021 Time

Laboratory Use Only

Received By	Emcallen	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 11/11	Time 11:15am	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report № #841164

Eurofins Environment Testing Australia Pty Ltd

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Re# 853609

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

Melbourne Laboratory
5 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Embien				
Phone №	0402 979 349				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Embien
Handed over by	Jack Embien
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.embien@erm.com

Analyses
Where metals are required, please specify "Total" or "Filtered". SUITE code must be used to request SUITE pricing.

Containers
Change container type & size if necessary.

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

+Surcharge will apply
- ☐ Overnight (reporting by 9am)+
- ☐ Same day ◆ ☐ 1 day ◆
- ☐ 2 days ◆ ☐ 3
- ☒ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP147_0.3	8/11/21	S		X									
12	TP148_0.1	8/11/21	S	X										
13	TP148_0.3	8/11/21	S		X									
14	TP149_0.1	8/11/21	S	X										
15	TP149_0.3	8/11/21	S		X									
16	TP146_0.1	8/11/21	S	X										
17	TP146_0.3	8/11/21	S		X									
18	TP125_0.1	8/11/21	S	X										
19	TP125_0.3	8/11/21	S		X									
20	TP123_0.1	8/11/21	S	X										
	Total Counts			5	5									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal

	Name	Signature	Date	Time

Laboratory Use Only								
Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Alexandra	Date 9/11	Time 11:15am	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report №	# 841164

Eurofins Environment Testing Australia Pty Ltd

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DRAFT

Re # 853609

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses (Where metals are requested, please specify 'Filtered' or 'Filtered' SUITE code must be used to select SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

◆Surcharge will apply

☐ Overnight (reporting by 9am)◆
☐ Same day ◆ ☐ 1 day ◆
☐ 2 days ◆ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP123_0.1	8/11/21	S	X											
22	TP123_0.3	8/11/21	S		X										
23	TP124_0.1	8/11/21	S	X											
24	TP124_0.3	8/11/21	S		X										
25	TP120_0.1	8/11/21	S	X											
26	TP120_0.3	8/11/21	S		X										
27	TP119_0.1	8/11/21	S	X											
28	TP119_0.3	8/11/21	S		X										
29	TP118_0.1	8/11/21	S	X											
30	TP118_0.2	8/11/21	S		X										
		Total Counts		5	5										

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name		Signature		Date	44502	Time	
Laboratory Use Only	Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:15am	Temperature	
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	# 841164

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CHAIN OF CUSTODY RECORD

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 349				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are required, please specify "Total" or "Filtered". SUITE code must be used to obtain SUITE pricing

Containers — Change container type & size if necessary

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

*Surcharge will apply

- ☐ Overnight (reporting by 9am)◆
- ☐ Same day ◆ ☐ 1 day ◆
- ☐ 2 days ◆ ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	250mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guideline)	Sample Comments / Dangerous Goods Hazard Warning
1	TP104_0.1	9/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP **Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP104_0.3	9/11/21	S		X										
3	TP103_0.1	9/11/21	S	X											
4	TP103_0.3	9/11/21	S		X										
5	TP102_0.1	9/11/21	S	X											
6	TP102_0.3	9/11/21	S		X										
7	TP93_0.1	9/11/21	S	X											
8	TP93_0.3	9/11/21	S		X										
9	TP94_0.1	9/11/21	S	X											
10	TP94_0.3	9/11/21	S		X										
			Total Counts	5	5										

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature	Date	11/10/2021	Time	
Laboratory Use Only	Received By	Dida	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Unecallin	Date	11/11	Time	11:15am	Temperature
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № # 841164

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Esdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses
Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to request SUITE analysis

Containers
Change container type & size if necessary.

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP95_0.1	9/11/21	S	X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
12	TP95_0.3	9/11/21	S		X									**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
13	TP03_0.1	9/11/21	S	X										
14	TP03_0.3	9/11/21	S		X									
15	TP02_0.1	9/11/21	S	X										
16	TP02_0.3	9/11/21	S		X									
17	TP11_0.1	9/11/21	S	X										
18	TP15_0.1	9/11/21	S	X										
19	TP15_0.3	9/11/21	S		X									
20	TP55_0.1	9/11/21	S	X										PLEASE SEND TO ALS
		Total Counts		6	4									

Method of Shipment						
	☐ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Signature	Date	Time

Laboratory Use Only								
Received By	Nicha	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Uncatha	Date	11/11	Time	11:5am	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № # 841164

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 91 05 0159 898

☐ **Sydney Laboratory** Unit F3 Phi F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 21 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571486	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	Analyses: SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP55_0.3	9/11/21	S		X										PLEASE SEND TO ALS
22	TP54_0.1	9/11/21	S	X											PLEASE SEND TO ALS
23	TP54_0.3	9/11/21	S		X										
24	TP43_0.1	9/11/21	S	X											
25	TP43_0.3	9/11/21	S		X										
26	TP33_0.1	9/11/21	S	X											
27	TP34_0.1	9/11/21	S	X											
28	TP35_0.1	9/11/21	S	X											
29	TP35_0.2	9/11/21	S		X										
30	TP36_0.1	9/11/21	S	X											
		Total Counts		6	4										

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

Method of Shipment							
☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	Signature	Date	44502	Time

Laboratory Use Only								
Received By	Nicki	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:15am	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № # 841164

DRAFT

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing Australia Pty Ltd

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 81 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 349				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses
Where metals are required, please specify "Total or Filtered". SUITE code must be given to attract SUITE pricing

Containers
Charge container type & size if necessary

Required Turnaround Time (TAT)
Default will be 5 days if not ticked

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP117_0.1	8/11/21	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP117_0.2	8/11/21	S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
3	TP111_0.1	8/11/21	S	X											
4	TP111_0.3	8/11/21	S		X										
5	TP112_0.1	8/11/21	S	X											
6	TP112_0.3	8/11/21	S		X										
7	TP113_0.1	8/11/21	S	X											
8	TP113_0.3	8/11/21	S		X										
9	TP126_0.1	8/11/21	S	X											
10	TP126_0.3	8/11/21	S		X										
		Total Counts		5	5										

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal | Name: JACK EMBLEN | Signature: | Date: 11/9/2021 | Time:

Laboratory Use Only								
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Report №	# 841164

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are required, please specify Total or Filtered. Suite code must be used to direct SUITE groups.

Containers — Change container type & size if necessary

Required Turnaround Time (TAT) — Default will be 5 days if not advised.

*Surcharge will apply

- ☐ Overnight (reporting by 9am)*
- ☐ Same day ◆ ☐ 1 day ◆
- ☐ 2 days ◆ ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA Vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)
11	TP122_0.1	8/11/21	S		X								
12	TP122_0.3	8/11/21	S	X									
13	TP121_0.1	8/11/21	S		X								
14	TP121_0.3	8/11/21	S	X									
15	TP127_0.1	8/11/21	S		X								
16	TP127_0.3	8/11/21	S	X									
17	20211108_D01	8/11/21	S		X								
18	20211108_D02	8/11/21	S		X								
19	20211108_D03	8/11/21	S		X								
20	20211108_T01	8/11/21	S		X								
	Total Counts			3	7								

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

PLEASE SEND TO ALS

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal Name Signature Date Time

Laboratory Use Only

Received By	Nich	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 11/11	Time 11:15am	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report № #841164

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571488	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Embien				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Embien
Handed over by	Jack Embien
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.embien@erm.com

Analyses
Where metals are required, please specify "Total" or "Filtered". SUITE code must be listed to ensure SUITE prices.

Containers
Change container type & size if necessary.

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA Vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	20211108_T02	8/11/21	S	X											PLEASE SEND TO ALS
22	20211108_T03	8/11/21	S	X											PLEASE SEND TO ALS
23		8/11/21	S												
24	TS/TB	8/11/21	S		X										
25		8/11/21	S												
26		8/11/21	S												
27		8/11/21	S												
28		8/11/21	S												
29		8/11/21	S												
30		8/11/21	S												
	Total Counts			2	1										

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal Name | Signature | Date 44502 | Time

Laboratory Use Only

Received By	Nick	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Nicholas	Date 11/11	Time 11:15am	Temperature
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	Time	Report № 841164

Eurofins Environment Testing Australia Pty Ltd

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

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853609

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVIC@eurofins.com

Company	ERM	Project №	0571466	Sampler(s)	Jack Emblen
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	Handed over by	Jack Emblen
Contact Name	Jack Emblen	Project Manager	Nicholas Grbich	Email for Invoice	Nicholas Grbich
Phone №	0402 979 340	EDD Format (Excel, EQuIS etc)		Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com
Special Directions					
Purchase Order					
Quote ID №					

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attach SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

*Surcharge will apply

- ☐ Overnight (reporting by 9am)*
- ☐ Same day ◆ ☐ 1 day ◆
- ☐ 2 days ◆ ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP36_0.3	9/11/21	S		X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
2	TP56_0.1	9/11/21	S	X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP56_0.3	9/11/21	S		X										
4	20211109_D01	9/11/21	S		X										
5	20211109_T01	9/11/21	S		X										PLEASE SEND TO ALS
6															
7	TS/TB					X									
8															
9															
10															
	Total Counts			1	4	1									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal Name: JACK EMBLEN Signature: Date: 11/11/2021 Time:

Laboratory Use Only								
Received By	Nicki	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	11/11	Time	11:15am
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time	

Temperature:

Report № # 841164

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853609

0571466 - ID Request

Jack Emblen <Jack.Emblen@erm.com>

Fri 2/4/2022 5:26 PM

To: John Nguyen <JohnNguyen@eurofins.com>

Cc: Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi John,

Bit of an annoying request for you but can we please get our sample ID's re-named for the below lab reports? We need to prefix "AI_" added to the front of every sample ID and reports re-issued due to clashes with prior sampling rounds occurring in ESDAT.

So for example, sample "1B_TP01_0.1" would become "AI_1B_TP01_0.1"

Reports:

- 846063
- 835522
- 837639
- 836571
- 838531
- 838539
- 842812
- 846063
- 853609
- 838532
- 838534
- 838536
- 838537
- 838539
- 841164
- 852528
- 852729
- 853214

I appreciate it's a big list but your help would be much appreciated on this one.
Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

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www.eurofins.com.au EnviroSales@eurofins.com

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NATA # 1261 Site # 18217

Brisbane
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Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

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NATA # 2377 Site # 2370

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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	BRADFIELD CITY CENTRE
Project ID:	571466
Turnaround time:	5 Day
Date/Time received	Nov 11, 2021 11:15 AM
Eurofins reference	853609

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Sample TP44-0.1 and TP44-0.3 are received and not mentioned in COC. Please advise if analysis is required. ASB bags missing for TP34-0.1, TP 33-0.1 and TP11-0.1. PFAS samples sent to Brisbane. PFAS tub 20211109-T01 is put on hold. Please advise if its still required to be sent to ALS.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_TP03-0.1	Nov 09, 2021		Soil	S22-Ja00472	X			X		X	X	X	
2	AI_TP03-0.3	Nov 09, 2021		Soil	S22-Ja00473				X	X		X	X	
3	AI_TP02-0.1	Nov 09, 2021		Soil	S22-Ja00474	X			X		X	X	X	
4	AI_TP02-0.3	Nov 09, 2021		Soil	S22-Ja00475				X	X		X	X	
5	AI_TP11-0.1	Nov 09, 2021		Soil	S22-Ja00476	X			X		X	X	X	
6	AI_TP15-0.1	Nov 09, 2021		Soil	S22-Ja00477	X			X		X	X	X	
7	AI_TP15-0.3	Nov 09, 2021		Soil	S22-Ja00478				X	X		X	X	
8	AI_TP55-0.1	Nov 09, 2021		Soil	S22-Ja00479	X			X		X	X	X	
9	AI_TP55-0.3	Nov 09, 2021		Soil	S22-Ja00480				X	X		X	X	

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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ABN: 50 005 085 521

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Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
10	AI_TP54-0.1	Nov 09, 2021		Soil	S22-Ja00481	X			X		X	X	X	
11	AI_TP54-0.3	Nov 09, 2021		Soil	S22-Ja00482				X	X		X	X	
12	AI_TP43-0.1	Nov 09, 2021		Soil	S22-Ja00483	X			X		X	X	X	
13	AI_TP43-0.3	Nov 09, 2021		Soil	S22-Ja00484				X	X		X	X	
14	AI_TP33-0.1	Nov 09, 2021		Soil	S22-Ja00485	X			X		X	X	X	
15	AI_TP34-0.1	Nov 09, 2021		Soil	S22-Ja00486	X			X		X	X	X	
16	AI_TP35-0.1	Nov 09, 2021		Soil	S22-Ja00487	X			X		X	X	X	
17	AI_TP35-0.2	Nov 09, 2021		Soil	S22-Ja00488				X	X		X	X	
18	AI_TP36-0.1	Nov 09, 2021		Soil	S22-Ja00489	X			X		X	X	X	
19	AI_TP36-0.3	Nov 09, 2021		Soil	S22-Ja00490				X	X		X	X	
20	AI_TP56-0.1	Nov 09, 2021		Soil	S22-Ja00491	X			X		X	X	X	

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
21	AI_TP56-0.3	Nov 09, 2021		Soil	S22-Ja00492				X	X		X	X	
22	AI_20211109-D01	Nov 09, 2021		Soil	S22-Ja00493				X	X		X	X	
23	AI_TP44-0.1	Nov 09, 2021		Soil	S22-Ja00494		X							
24	AI_TP44-0.3	Nov 09, 2021		Soil	S22-Ja00495		X							
25	AI_TRIP SPIKE	Nov 09, 2021		Water	S22-Ja00496									X
26	AI_TRIP BLANK	Nov 09, 2021		Water	S22-Ja00497			X						
Test Counts						12	2	1	22	10	12	22	22	1

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	853609-AID-V2
Project Name	BRADFIELD CITY CENTRE
Project ID	571466
Received Date	Nov 11, 2021
Date Reported	Feb 07, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name BRADFIELD CITY CENTRE
Project ID 571466
Date Sampled Nov 09, 2021
Report 853609-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP03-0.1	22-Ja00472	Nov 09, 2021	Approximate Sample 680g Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP02-0.1	22-Ja00474	Nov 09, 2021	Approximate Sample 668g Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP11-0.1	22-Ja00476	Nov 09, 2021	Approximate Sample 48g Sample consisted of: Brown fine-grained sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP15-0.1	22-Ja00477	Nov 09, 2021	Approximate Sample 656g Sample consisted of: Grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP55-0.1	22-Ja00479	Nov 09, 2021	Approximate Sample 411g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP54-0.1	22-Ja00481	Nov 09, 2021	Approximate Sample 557g Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP43-0.1	22-Ja00483	Nov 09, 2021	Approximate Sample 606g Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP33-0.1	22-Ja00485	Nov 09, 2021	Approximate Sample 42g Sample consisted of: Brown coarse-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
AI_TP34-0.1	22-Ja00486	Nov 09, 2021	Approximate Sample 37g Sample consisted of: Brown coarse-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP35-0.1	22-Ja00487	Nov 09, 2021	Approximate Sample 550g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP36-0.1	22-Ja00489	Nov 09, 2021	Approximate Sample 440g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
AI_TP56-0.1	22-Ja00491	Nov 09, 2021	Approximate Sample 574g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Jan 05, 2022	Indefinite

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IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail	Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254									
Sydney Laboratory - NATA # 1261 Site # 18217	X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794								X	
Mayfield Laboratory - NATA # 1261 Site # 25079									
Perth Laboratory - NATA # 2377 Site # 2370									
External Laboratory									

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID								
1	AI_TP03-0.1	Nov 09, 2021		Soil	S22-Ja00472	X			X		X	X	X	
2	AI_TP03-0.3	Nov 09, 2021		Soil	S22-Ja00473				X	X		X	X	
3	AI_TP02-0.1	Nov 09, 2021		Soil	S22-Ja00474	X			X		X	X	X	
4	AI_TP02-0.3	Nov 09, 2021		Soil	S22-Ja00475				X	X		X	X	
5	AI_TP11-0.1	Nov 09, 2021		Soil	S22-Ja00476	X			X		X	X	X	
6	AI_TP15-0.1	Nov 09, 2021		Soil	S22-Ja00477	X			X		X	X	X	
7	AI_TP15-0.3	Nov 09, 2021		Soil	S22-Ja00478				X	X		X	X	
8	AI_TP55-0.1	Nov 09, 2021		Soil	S22-Ja00479	X			X		X	X	X	
9	AI_TP55-0.3	Nov 09, 2021		Soil	S22-Ja00480				X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
10	AI_TP54-0.1	Nov 09, 2021		Soil	S22-Ja00481	X			X		X	X	X	
11	AI_TP54-0.3	Nov 09, 2021		Soil	S22-Ja00482				X	X		X	X	
12	AI_TP43-0.1	Nov 09, 2021		Soil	S22-Ja00483	X			X		X	X	X	
13	AI_TP43-0.3	Nov 09, 2021		Soil	S22-Ja00484				X	X		X	X	
14	AI_TP33-0.1	Nov 09, 2021		Soil	S22-Ja00485	X			X		X	X	X	
15	AI_TP34-0.1	Nov 09, 2021		Soil	S22-Ja00486	X			X		X	X	X	
16	AI_TP35-0.1	Nov 09, 2021		Soil	S22-Ja00487	X			X		X	X	X	
17	AI_TP35-0.2	Nov 09, 2021		Soil	S22-Ja00488				X	X		X	X	
18	AI_TP36-0.1	Nov 09, 2021		Soil	S22-Ja00489	X			X		X	X	X	
19	AI_TP36-0.3	Nov 09, 2021		Soil	S22-Ja00490				X	X		X	X	
20	AI_TP56-0.1	Nov 09, 2021		Soil	S22-Ja00491	X			X		X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
21	AI_TP56-0.3	Nov 09, 2021		Soil	S22-Ja00492				X	X		X	X	
22	AI_20211109-D01	Nov 09, 2021		Soil	S22-Ja00493				X	X		X	X	
23	AI_TP44-0.1	Nov 09, 2021		Soil	S22-Ja00494		X							
24	AI_TP44-0.3	Nov 09, 2021		Soil	S22-Ja00495		X							
25	AI_TRIP SPIKE	Nov 09, 2021		Water	S22-Ja00496									X
26	AI_TRIP BLANK	Nov 09, 2021		Water	S22-Ja00497			X						
Test Counts						12	2	1	22	10	12	22	22	1

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

The samples Ja00476, 85-6 received were not collected in an approved asbestos bag and was therefore sub-sampled from the 250mL glass jar. Valid sub-sampling procedures were applied so as to ensure that the sub-samples to be analysed accurately represented the samples received.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Authorised by:

Laxman Dias	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **853609-S-V2**
Project name BRADFIELD CITY CENTRE
Project ID 571466
Received Date Nov 11, 2021

Client Sample ID			**AI_TP03-0.1**	**AI_TP03-0.3**	**AI_TP02-0.1**	**AI_TP02-0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Ja00472**	**S22-Ja00473**	**S22-Ja00474**	**S22-Ja00475**
Date Sampled			**Nov 09, 2021**	**Nov 09, 2021**	**Nov 09, 2021**	**Nov 09, 2021**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	92	101	108	115
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP03-0.1	AI_TP03-0.3	AI_TP02-0.1	AI_TP02-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00472	S22-Ja00473	S22-Ja00474	S22-Ja00475
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	92	101	108	115
Toluene-d8 (surr.)	1	%	76	85	98	104

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Client Sample ID			AI_TP03-0.1	AI_TP03-0.3	AI_TP02-0.1	AI_TP02-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00472	S22-Ja00473	S22-Ja00474	S22-Ja00475
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	84	91	87	88
p-Terphenyl-d14 (surr.)	1	%	81	86	85	84
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	84	91	87	88
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP03-0.1	AI_TP03-0.3	AI_TP02-0.1	AI_TP02-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00472	S22-Ja00473	S22-Ja00474	S22-Ja00475
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	53	INT	51
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP03-0.1	AI_TP03-0.3	AI_TP02-0.1	AI_TP02-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00472	S22-Ja00473	S22-Ja00474	S22-Ja00475
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	110	119	113	115
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	72	87	79	82
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.1	4.7	5.4	4.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	14	17	16	15
Copper	5	mg/kg	12	20	13	17
Lead	5	mg/kg	20	11	13	8.9
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.6	8.9	8.1	8.4
Zinc	5	mg/kg	31	37	21	29
% Moisture	1	%	20	16	8.8	11
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			AI_TP03-0.1	AI_TP03-0.3	AI_TP02-0.1	AI_TP02-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00472	S22-Ja00473	S22-Ja00474	S22-Ja00475
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	108	108	117	113
13C5-PFPeA (surr.)	1	%	106	109	122	110
13C5-PFHxA (surr.)	1	%	100	103	113	108
13C4-PFHpA (surr.)	1	%	96	103	107	108
13C8-PFOA (surr.)	1	%	99	111	115	116
13C5-PFNA (surr.)	1	%	121	130	137	133
13C6-PFDA (surr.)	1	%	125	127	131	134
13C2-PFUnDA (surr.)	1	%	90	120	107	121
13C2-PFDoDA (surr.)	1	%	120	131	129	137
13C2-PFTeDA (surr.)	1	%	111	114	124	119
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	76	87	83	86
D3-N-MeFOSA (surr.)	1	%	86	86	83	84
D5-N-EtFOSA (surr.)	1	%	82	86	88	93
D7-N-MeFOSE (surr.)	1	%	109	114	115	115
D9-N-EtFOSE (surr.)	1	%	98	107	102	107
D5-N-EtFOSAA (surr.)	1	%	98	93	100	78
D3-N-MeFOSAA (surr.)	1	%	74	91	83	69
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	112	99	114	104
18O2-PFHxS (surr.)	1	%	95	100	110	102
13C8-PFOS (surr.)	1	%	110	106	115	119

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Client Sample ID			AI_TP03-0.1	AI_TP03-0.3	AI_TP02-0.1	AI_TP02-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00472	S22-Ja00473	S22-Ja00474	S22-Ja00475
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	86	74	143	94
13C2-6:2 FTSA (surr.)	1	%	83	70	102	79
13C2-8:2 FTSA (surr.)	1	%	78	92	91	88
13C2-10:2 FTSA (surr.)	1	%	72	90	84	93
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	107	-	105
Tetrachloro-m-xylene (surr.)	1	%	-	91	-	89

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Client Sample ID			AI_TP03-0.1	AI_TP03-0.3	AI_TP02-0.1	AI_TP02-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00472	S22-Ja00473	S22-Ja00474	S22-Ja00475
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	-	< 2	-	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
EPN	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	-	< 2	-	< 2
Naled	0.2	mg/kg	-	< 0.2	-	< 0.2
Omethoate	2	mg/kg	-	< 2	-	< 2
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	100	-	98

Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	100	101	104	101
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	100	101	104	101
Toluene-d8 (surr.)	1	%	75	89	92	86
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	87	74	86	90
p-Terphenyl-d14 (surr.)	1	%	84	79	86	89

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	87	74	86	90
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	56	54
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	117	89	99	114
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	84	71	79	78
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	5.8	2.1	5.7	5.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	15	5.8	18	18
Copper	5	mg/kg	21	6.3	22	21
Lead	5	mg/kg	11	6.0	11	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.7	< 5	9.2	13
Zinc	5	mg/kg	28	9.8	33	34
% Moisture	1	%	17	21	17	21
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	118	110	126	121
13C5-PFPeA (surr.)	1	%	119	110	120	119
13C5-PFHxA (surr.)	1	%	111	104	111	109
13C4-PFHpA (surr.)	1	%	104	101	104	102
13C8-PFOA (surr.)	1	%	116	103	111	110
13C5-PFNA (surr.)	1	%	136	126	137	140
13C6-PFDA (surr.)	1	%	138	134	150	139
13C2-PFUnDA (surr.)	1	%	123	129	129	133
13C2-PFDoDA (surr.)	1	%	141	129	135	134
13C2-PFTeDA (surr.)	1	%	124	117	122	123

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	85	89	86	83
D3-N-MeFOSA (surr.)	1	%	85	80	86	83
D5-N-EtFOSA (surr.)	1	%	93	86	91	86
D7-N-MeFOSE (surr.)	1	%	113	119	114	110
D9-N-EtFOSE (surr.)	1	%	112	107	111	104
D5-N-EtFOSAA (surr.)	1	%	110	102	93	109
D3-N-MeFOSAA (surr.)	1	%	100	95	88	92
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	112	109	108	114
18O2-PFHxS (surr.)	1	%	112	96	117	108
13C8-PFOS (surr.)	1	%	119	106	124	111
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	142	121	137	151
13C2-6:2 FTSA (surr.)	1	%	109	85	109	108
13C2-8:2 FTSA (surr.)	1	%	92	93	95	97
13C2-10:2 FTSA (surr.)	1	%	107	81	97	90
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	-	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	-	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	-	-	< 0.05	-
a-HCH	0.05	mg/kg	-	-	< 0.05	-
Aldrin	0.05	mg/kg	-	-	< 0.05	-
b-HCH	0.05	mg/kg	-	-	< 0.05	-
d-HCH	0.05	mg/kg	-	-	< 0.05	-
Dieldrin	0.05	mg/kg	-	-	< 0.05	-
Endosulfan I	0.05	mg/kg	-	-	< 0.05	-
Endosulfan II	0.05	mg/kg	-	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	-	-	< 0.05	-
Endrin	0.05	mg/kg	-	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	-	-	< 0.05	-
Endrin ketone	0.05	mg/kg	-	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	-	-	< 0.05	-
Heptachlor	0.05	mg/kg	-	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	-	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Methoxychlor	0.05	mg/kg	-	-	< 0.05	-
Toxaphene	0.5	mg/kg	-	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	97	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	90	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	-	< 0.2	-
Bolstar	0.2	mg/kg	-	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	-	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	-	-	< 0.2	-
Coumaphos	2	mg/kg	-	-	< 2	-
Demeton-S	0.2	mg/kg	-	-	< 0.2	-
Demeton-O	0.2	mg/kg	-	-	< 0.2	-
Diazinon	0.2	mg/kg	-	-	< 0.2	-
Dichlorvos	0.2	mg/kg	-	-	< 0.2	-
Dimethoate	0.2	mg/kg	-	-	< 0.2	-
Disulfoton	0.2	mg/kg	-	-	< 0.2	-
EPN	0.2	mg/kg	-	-	< 0.2	-
Ethion	0.2	mg/kg	-	-	< 0.2	-
Ethoprop	0.2	mg/kg	-	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	-	-	< 0.2	-
Fenitrothion	0.2	mg/kg	-	-	< 0.2	-
Fensulfothion	0.2	mg/kg	-	-	< 0.2	-
Fenthion	0.2	mg/kg	-	-	< 0.2	-
Malathion	0.2	mg/kg	-	-	< 0.2	-
Merphos	0.2	mg/kg	-	-	< 0.2	-

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Client Sample ID			AI_TP11-0.1	AI_TP15-0.1	AI_TP15-0.3	AI_TP55-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00476	S22-Ja00477	S22-Ja00478	S22-Ja00479
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	-	-	< 0.2	-
Mevinphos	0.2	mg/kg	-	-	< 0.2	-
Monocrotophos	2	mg/kg	-	-	< 2	-
Naled	0.2	mg/kg	-	-	< 0.2	-
Omethoate	2	mg/kg	-	-	< 2	-
Phorate	0.2	mg/kg	-	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	-	-	< 0.2	-
Pyrazophos	0.2	mg/kg	-	-	< 0.2	-
Ronnel	0.2	mg/kg	-	-	< 0.2	-
Terbufos	0.2	mg/kg	-	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	-	-	< 0.2	-
Tokuthion	0.2	mg/kg	-	-	< 0.2	-
Trichloronate	0.2	mg/kg	-	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	-	97	-

Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	137	102	92	99
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	137	102	92	99
Toluene-d8 (surr.)	1	%	112	81	76	82
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	90	90	92	92
p-Terphenyl-d14 (surr.)	1	%	88	83	90	90
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	90	90	92	92
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	52	50	50
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	120	113	122	113
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	80	70	82	71
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.2	5.9	5.4	4.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	21	9.7	16	11
Copper	5	mg/kg	24	6.3	16	7.0
Lead	5	mg/kg	14	20	20	15
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	15	9.6	7.6	6.5
Zinc	5	mg/kg	43	27	25	12
% Moisture	1	%	21	22	16	21

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Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	122	117	125	115
13C5-PFPeA (surr.)	1	%	117	110	121	107
13C5-PFHxA (surr.)	1	%	109	103	114	102
13C4-PFHpA (surr.)	1	%	108	99	104	97
13C8-PFOA (surr.)	1	%	111	108	110	98
13C5-PFNA (surr.)	1	%	136	130	139	131
13C6-PFDA (surr.)	1	%	141	130	135	139
13C2-PFUnDA (surr.)	1	%	140	123	123	134
13C2-PFDoDA (surr.)	1	%	150	132	148	134
13C2-PFTeDA (surr.)	1	%	121	117	128	115
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	94	89	90	86
D3-N-MeFOSA (surr.)	1	%	93	85	87	82
D5-N-EtFOSA (surr.)	1	%	88	84	87	87
D7-N-MeFOSE (surr.)	1	%	119	118	124	111
D9-N-EtFOSE (surr.)	1	%	115	108	112	104
D5-N-EtFOSAA (surr.)	1	%	100	100	99	102
D3-N-MeFOSAA (surr.)	1	%	89	94	91	89
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	109	108	118	98

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Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	105	93	106	97
13C8-PFOS (surr.)	1	%	114	110	115	102
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	110	125	144	122
13C2-6:2 FTSA (surr.)	1	%	105	105	104	93
13C2-8:2 FTSA (surr.)	1	%	92	90	100	94
13C2-10:2 FTSA (surr.)	1	%	99	95	99	89
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	117	-	114	-
Tetrachloro-m-xylene (surr.)	1	%	94	-	94	-

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Client Sample ID			AI_TP55-0.3	AI_TP54-0.1	AI_TP54-0.3	AI_TP43-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00480	S22-Ja00481	S22-Ja00482	S22-Ja00483
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	109	-	105	-

Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	101	102	102	94
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	101	102	102	94
Toluene-d8 (surr.)	1	%	86	80	83	74
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	85	71	77	102
p-Terphenyl-d14 (surr.)	1	%	85	64	79	92

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	85	71	77	102
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	INT	68
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	104	89	91	106
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	64	60	58	72
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	4.9	5.3	4.1	16
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	14	17	11	31
Copper	5	mg/kg	13	23	13	17
Lead	5	mg/kg	12	13	12	26
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.7	9.8	6.5	8.9
Zinc	5	mg/kg	21	36	20	35
% Moisture	1	%	17	17	17	16
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	117	108	124	105
13C5-PFPeA (surr.)	1	%	115	110	120	113
13C5-PFHxA (surr.)	1	%	104	102	112	101
13C4-PFHpA (surr.)	1	%	102	94	111	100
13C8-PFOA (surr.)	1	%	111	104	123	113
13C5-PFNA (surr.)	1	%	132	126	135	126
13C6-PFDA (surr.)	1	%	133	119	132	122
13C2-PFUnDA (surr.)	1	%	123	121	132	117
13C2-PFDoDA (surr.)	1	%	136	140	134	134
13C2-PFTeDA (surr.)	1	%	121	117	124	116

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	87	86	85	81
D3-N-MeFOSA (surr.)	1	%	84	91	92	83
D5-N-EtFOSA (surr.)	1	%	88	88	93	79
D7-N-MeFOSE (surr.)	1	%	118	110	112	105
D9-N-EtFOSE (surr.)	1	%	112	104	108	93
D5-N-EtFOSAA (surr.)	1	%	100	82	106	94
D3-N-MeFOSAA (surr.)	1	%	94	83	96	81
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	113	102	113	108
18O2-PFHxS (surr.)	1	%	100	94	102	107
13C8-PFOS (surr.)	1	%	97	117	117	113
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	122	118	147	112
13C2-6:2 FTSA (surr.)	1	%	85	86	107	122
13C2-8:2 FTSA (surr.)	1	%	98	93	94	85
13C2-10:2 FTSA (surr.)	1	%	101	94	96	105
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	-	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	-	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	-	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	-	-
a-HCH	0.05	mg/kg	< 0.05	-	-	-
Aldrin	0.05	mg/kg	< 0.05	-	-	-
b-HCH	0.05	mg/kg	< 0.05	-	-	-
d-HCH	0.05	mg/kg	< 0.05	-	-	-
Dieldrin	0.05	mg/kg	< 0.05	-	-	-
Endosulfan I	0.05	mg/kg	< 0.05	-	-	-
Endosulfan II	0.05	mg/kg	< 0.05	-	-	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	-	-
Endrin	0.05	mg/kg	< 0.05	-	-	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	-	-
Endrin ketone	0.05	mg/kg	< 0.05	-	-	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	-	-
Heptachlor	0.05	mg/kg	< 0.05	-	-	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	-	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
Methoxychlor	0.05	mg/kg	< 0.05	-	-	-
Toxaphene	0.5	mg/kg	< 0.5	-	-	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	-	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	-	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	-	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	-	-
Dibutylchlorendate (surr.)	1	%	104	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	92	-	-	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	-	-
Bolstar	0.2	mg/kg	< 0.2	-	-	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	-	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	-	-
Coumaphos	2	mg/kg	< 2	-	-	-
Demeton-S	0.2	mg/kg	< 0.2	-	-	-
Demeton-O	0.2	mg/kg	< 0.2	-	-	-
Diazinon	0.2	mg/kg	< 0.2	-	-	-
Dichlorvos	0.2	mg/kg	< 0.2	-	-	-
Dimethoate	0.2	mg/kg	< 0.2	-	-	-
Disulfoton	0.2	mg/kg	< 0.2	-	-	-
EPN	0.2	mg/kg	< 0.2	-	-	-
Ethion	0.2	mg/kg	< 0.2	-	-	-
Ethoprop	0.2	mg/kg	< 0.2	-	-	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	-	-
Fenitrothion	0.2	mg/kg	< 0.2	-	-	-
Fensulfothion	0.2	mg/kg	< 0.2	-	-	-
Fenthion	0.2	mg/kg	< 0.2	-	-	-
Malathion	0.2	mg/kg	< 0.2	-	-	-
Merphos	0.2	mg/kg	< 0.2	-	-	-

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Client Sample ID			AI_TP43-0.3	AI_TP33-0.1	AI_TP34-0.1	AI_TP35-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00484	S22-Ja00485	S22-Ja00486	S22-Ja00487
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	-	-	-
Mevinphos	0.2	mg/kg	< 0.2	-	-	-
Monocrotophos	2	mg/kg	< 2	-	-	-
Naled	0.2	mg/kg	< 0.2	-	-	-
Omethoate	2	mg/kg	< 2	-	-	-
Phorate	0.2	mg/kg	< 0.2	-	-	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	-	-
Pyrazophos	0.2	mg/kg	< 0.2	-	-	-
Ronnel	0.2	mg/kg	< 0.2	-	-	-
Terbufos	0.2	mg/kg	< 0.2	-	-	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	-	-
Tokuthion	0.2	mg/kg	< 0.2	-	-	-
Trichloronate	0.2	mg/kg	< 0.2	-	-	-
Triphenylphosphate (surr.)	1	%	101	-	-	-

Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	113	89	117	104
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Volatile Organics						
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	113	89	117	104
Toluene-d8 (surr.)	1	%	89	73	111	96
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	64	67	118	108
p-Terphenyl-d14 (surr.)	1	%	61	60	125	106
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	64	67	118	108
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	INT	INT	79	82
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Semivolatile Organics						
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	84	86	106	89
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	53	56	80	71
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	15	7.0	4.9	11
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	41	20	22	29
Copper	5	mg/kg	21	11	17	13
Lead	5	mg/kg	30	23	14	28
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10	9.8	8.7	8.6
Zinc	5	mg/kg	37	21	29	23
% Moisture	1	%	18	16	19	15

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Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	99	120	120	116
13C5-PFPeA (surr.)	1	%	105	116	123	116
13C5-PFHxA (surr.)	1	%	98	109	107	109
13C4-PFHpA (surr.)	1	%	91	100	106	99
13C8-PFOA (surr.)	1	%	107	111	109	107
13C5-PFNA (surr.)	1	%	121	135	141	132
13C6-PFDA (surr.)	1	%	128	132	133	121
13C2-PFUnDA (surr.)	1	%	116	112	128	113
13C2-PFDoDA (surr.)	1	%	131	139	141	131
13C2-PFTeDA (surr.)	1	%	111	127	115	118
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	81	85	85	85
D3-N-MeFOSA (surr.)	1	%	88	87	84	82
D5-N-EtFOSA (surr.)	1	%	86	87	87	88
D7-N-MeFOSE (surr.)	1	%	113	116	114	115
D9-N-EtFOSE (surr.)	1	%	104	108	104	99
D5-N-EtFOSAA (surr.)	1	%	78	100	74	98
D3-N-MeFOSAA (surr.)	1	%	59	94	81	85
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	102	115	116	105

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Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	90	111	109	104
13C8-PFOS (surr.)	1	%	108	109	118	105
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	64	130	140	127
13C2-6:2 FTSA (surr.)	1	%	71	97	104	113
13C2-8:2 FTSA (surr.)	1	%	87	95	93	88
13C2-10:2 FTSA (surr.)	1	%	87	103	94	90
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	75	-	148	-
Tetrachloro-m-xylene (surr.)	1	%	67	-	125	-

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Client Sample ID			AI_TP35-0.2	AI_TP36-0.1	AI_TP36-0.3	AI_TP56-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Ja00488	S22-Ja00489	S22-Ja00490	S22-Ja00491
Date Sampled			Nov 09, 2021	Nov 09, 2021	Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Coumaphos	2	mg/kg	< 2	-	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	-
EPN	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Monocrotophos	2	mg/kg	< 2	-	< 2	-
Naled	0.2	mg/kg	< 0.2	-	< 0.2	-
Omethoate	2	mg/kg	< 2	-	< 2	-
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	72	-	148	-

Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Ja00492	S22-Ja00493
Date Sampled			Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons				
TRH C6-C9	20	mg/kg	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S22-Ja00492**	**S22-Ja00493**
Date Sampled			**Nov 09, 2021**	**Nov 09, 2021**
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons				
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100
BTEX				
Benzene	0.1	mg/kg	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	102	80
Volatile Organics				
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Ja00492	S22-Ja00493
Date Sampled			Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit		
Volatile Organics				
Chloromethane	0.5	mg/kg	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	102	80
Toluene-d8 (surr.)	1	%	94	72
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	116	81
p-Terphenyl-d14 (surr.)	1	%	123	INT

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Ja00492	S22-Ja00493
Date Sampled			Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	116	81
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 0.5	< 0.5
2-Nitroaniline	1	mg/kg	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	87	INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Ja00492	S22-Ja00493
Date Sampled			Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Acetophenone	0.5	mg/kg	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Ja00492	S22-Ja00493
Date Sampled			Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit		
Semivolatile Organics				
Nitrobenzene-d5 (surr.)	1	%	99	78
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	81	57
Pronamide	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5
Heavy Metals				
Arsenic	2	mg/kg	9.8	5.8
Cadmium	0.4	mg/kg	< 0.4	< 0.4
Chromium	5	mg/kg	28	17
Copper	5	mg/kg	14	20
Lead	5	mg/kg	21	17
Mercury	0.1	mg/kg	< 0.1	< 0.1
Nickel	5	mg/kg	8.6	13
Zinc	5	mg/kg	25	36
% Moisture	1	%	16	18
Perfluoroalkyl carboxylic acids (PFCAs)				
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5
13C4-PFBA (surr.)	1	%	118	114
13C5-PFPeA (surr.)	1	%	114	114
13C5-PFHxA (surr.)	1	%	101	106
13C4-PFHpA (surr.)	1	%	99	107
13C8-PFOA (surr.)	1	%	114	109
13C5-PFNA (surr.)	1	%	125	129
13C6-PFDA (surr.)	1	%	133	132
13C2-PFUnDA (surr.)	1	%	125	127
13C2-PFDoDA (surr.)	1	%	132	133
13C2-PFTeDA (surr.)	1	%	115	118

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S22-Ja00492**	**S22-Ja00493**
Date Sampled			**Nov 09, 2021**	**Nov 09, 2021**
Test/Reference	LOR	Unit		
Perfluoroalkyl sulfonamido substances				
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10
13C8-FOSA (surr.)	1	%	91	80
D3-N-MeFOSA (surr.)	1	%	91	79
D5-N-EtFOSA (surr.)	1	%	87	83
D7-N-MeFOSE (surr.)	1	%	117	109
D9-N-EtFOSE (surr.)	1	%	111	104
D5-N-EtFOSAA (surr.)	1	%	73	102
D3-N-MeFOSAA (surr.)	1	%	64	93
Perfluoroalkyl sulfonic acids (PFSAs)				
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5
13C3-PFBS (surr.)	1	%	107	105
18O2-PFHxS (surr.)	1	%	104	109
13C8-PFOS (surr.)	1	%	108	106
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	128	152
13C2-6:2 FTSA (surr.)	1	%	100	119
13C2-8:2 FTSA (surr.)	1	%	87	95
13C2-10:2 FTSA (surr.)	1	%	101	95
PFASs Summations				
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Ja00492	S22-Ja00493
Date Sampled			Nov 09, 2021	Nov 09, 2021
Test/Reference	LOR	Unit		
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	144	INT
Tetrachloro-m-xylene (surr.)	1	%	134	INT
Organophosphorus Pesticides				
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2

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Client Sample ID			AI_TP56-0.3	AI_20211109-D01
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S22-Ja00492**	**S22-Ja00493**
Date Sampled			**Nov 09, 2021**	**Nov 09, 2021**
Test/Reference	LOR	Unit		
Organophosphorus Pesticides				
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	150	INT

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Jan 07, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jan 07, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jan 07, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jan 07, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Jan 07, 2022	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Jan 07, 2022	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Jan 07, 2022	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Jan 07, 2022	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Jan 04, 2022	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jan 10, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jan 10, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jan 10, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jan 10, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Organochlorine Pesticides	Sydney	Jan 07, 2022	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Jan 07, 2022	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			

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Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_TP03-0.1	Nov 09, 2021		Soil	S22-Ja00472	X			X		X	X	X	
2	AI_TP03-0.3	Nov 09, 2021		Soil	S22-Ja00473				X	X		X	X	
3	AI_TP02-0.1	Nov 09, 2021		Soil	S22-Ja00474	X			X		X	X	X	
4	AI_TP02-0.3	Nov 09, 2021		Soil	S22-Ja00475				X	X		X	X	
5	AI_TP11-0.1	Nov 09, 2021		Soil	S22-Ja00476	X			X		X	X	X	
6	AI_TP15-0.1	Nov 09, 2021		Soil	S22-Ja00477	X			X		X	X	X	
7	AI_TP15-0.3	Nov 09, 2021		Soil	S22-Ja00478				X	X		X	X	
8	AI_TP55-0.1	Nov 09, 2021		Soil	S22-Ja00479	X			X		X	X	X	
9	AI_TP55-0.3	Nov 09, 2021		Soil	S22-Ja00480				X	X		X	X	

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Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
10	AI_TP54-0.1	Nov 09, 2021		Soil	S22-Ja00481	X			X		X	X	X	
11	AI_TP54-0.3	Nov 09, 2021		Soil	S22-Ja00482				X	X		X	X	
12	AI_TP43-0.1	Nov 09, 2021		Soil	S22-Ja00483	X			X		X	X	X	
13	AI_TP43-0.3	Nov 09, 2021		Soil	S22-Ja00484				X	X		X	X	
14	AI_TP33-0.1	Nov 09, 2021		Soil	S22-Ja00485	X			X		X	X	X	
15	AI_TP34-0.1	Nov 09, 2021		Soil	S22-Ja00486	X			X		X	X	X	
16	AI_TP35-0.1	Nov 09, 2021		Soil	S22-Ja00487	X			X		X	X	X	
17	AI_TP35-0.2	Nov 09, 2021		Soil	S22-Ja00488				X	X		X	X	
18	AI_TP36-0.1	Nov 09, 2021		Soil	S22-Ja00489	X			X		X	X	X	
19	AI_TP36-0.3	Nov 09, 2021		Soil	S22-Ja00490				X	X		X	X	
20	AI_TP56-0.1	Nov 09, 2021		Soil	S22-Ja00491	X			X		X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
21	AI_TP56-0.3	Nov 09, 2021		Soil	S22-Ja00492				X	X		X	X	
22	AI_20211109-D01	Nov 09, 2021		Soil	S22-Ja00493				X	X		X	X	
23	AI_TP44-0.1	Nov 09, 2021		Soil	S22-Ja00494		X							
24	AI_TP44-0.3	Nov 09, 2021		Soil	S22-Ja00495		X							
25	AI_TRIP SPIKE	Nov 09, 2021		Water	S22-Ja00496									X
26	AI_TRIP BLANK	Nov 09, 2021		Water	S22-Ja00497			X						
Test Counts						12	2	1	22	10	12	22	22	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	89			70-130	Pass	
TRH C10-C14	%	107			70-130	Pass	
Naphthalene	%	108			70-130	Pass	
TRH C6-C10	%	85			70-130	Pass	
TRH >C10-C16	%	104			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	112			70-130	Pass	
Toluene	%	111			70-130	Pass	
Ethylbenzene	%	110			70-130	Pass	
m&p-Xylenes	%	128			70-130	Pass	
o-Xylene	%	118			70-130	Pass	
Xylenes - Total*	%	125			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	107			70-130	Pass	
1.1.1-Trichloroethane	%	95			70-130	Pass	
1.2-Dichlorobenzene	%	121			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	122			70-130	Pass	
Benzene	%	112			70-130	Pass	
Ethylbenzene	%	105			70-130	Pass	
m&p-Xylenes	%	127			70-130	Pass	
o-Xylene	%	119			70-130	Pass	
Toluene	%	105			70-130	Pass	
Trichloroethene	%	99			70-130	Pass	
Xylenes - Total*	%	124			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	86			70-130	Pass	
Acenaphthylene	%	84			70-130	Pass	
Anthracene	%	85			70-130	Pass	
Benz(a)anthracene	%	80			70-130	Pass	
Benzo(a)pyrene	%	87			70-130	Pass	
Benzo(b&j)fluoranthene	%	93			70-130	Pass	
Benzo(g.h.i)perylene	%	84			70-130	Pass	
Benzo(k)fluoranthene	%	87			70-130	Pass	
Chrysene	%	81			70-130	Pass	
Dibenz(a.h)anthracene	%	81			70-130	Pass	
Fluoranthene	%	84			70-130	Pass	
Fluorene	%	89			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	84			70-130	Pass	
Naphthalene	%	88			70-130	Pass	
Phenanthrene	%	85			70-130	Pass	
Pyrene	%	83			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
1.2.4-Trichlorobenzene	%	91			70-130	Pass	
1.4-Dichlorobenzene	%	89			70-130	Pass	
2-Chlorophenol	%	82			25-140	Pass	
2-Methylphenol (o-Cresol)	%	82			25-140	Pass	
2-Nitrophenol	%	82			25-140	Pass	
2.4-Dichlorophenol	%	81			25-140	Pass	
2.4-Dimethylphenol	%	84			25-140	Pass	
2.4-Dinitrotoluene	%	112			70-130	Pass	
2.4.5-Trichlorophenol	%	111			25-140	Pass	
2.4.6-Trichlorophenol	%	74			25-140	Pass	
2.6-Dichlorophenol	%	81			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	82			25-140	Pass	
4-Chloro-3-methylphenol	%	81			25-140	Pass	
4-Nitrophenol	%	72			25-140	Pass	
Acenaphthene	%	82			70-130	Pass	
Acenaphthylene	%	80			70-130	Pass	
Anthracene	%	82			70-130	Pass	
Benz(a)anthracene	%	75			70-130	Pass	
Benzo(a)pyrene	%	82			70-130	Pass	
Benzo(b&j)fluoranthene	%	81			70-130	Pass	
Benzo(g.h.i)perylene	%	78			70-130	Pass	
Benzo(k)fluoranthene	%	87			70-130	Pass	
Chrysene	%	74			70-130	Pass	
Dibenz(a.h)anthracene	%	76			70-130	Pass	
Fluoranthene	%	80			70-130	Pass	
Fluorene	%	84			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Indeno(1.2.3-cd)pyrene	%	78			70-130	Pass	
N-Nitrosodipropylamine	%	83			70-130	Pass	
Naphthalene	%	85			70-130	Pass	
Pentachlorophenol	%	83			25-140	Pass	
Phenanthrene	%	82			70-130	Pass	
Phenol	%	81			25-140	Pass	
Pyrene	%	79			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	102			80-120	Pass	
Cadmium	%	104			80-120	Pass	
Chromium	%	106			80-120	Pass	
Copper	%	105			80-120	Pass	
Lead	%	105			80-120	Pass	
Mercury	%	106			80-120	Pass	
Nickel	%	105			80-120	Pass	
Zinc	%	104			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	79			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	76			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	80			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	85			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	85			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	80			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	86			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	92			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	80			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	80			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	86			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	81			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	82			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	82			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	85			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	61			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	86			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	79			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	80			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	81			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	92			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	68			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	84			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	88			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	80			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	61			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	86			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	95			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	76			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	80			50-150	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	75			70-130	Pass	
4.4'-DDD	%	83			70-130	Pass	
4.4'-DDE	%	77			70-130	Pass	
4.4'-DDT	%	79			70-130	Pass	
a-HCH	%	70			70-130	Pass	
Aldrin	%	75			70-130	Pass	
b-HCH	%	79			70-130	Pass	
d-HCH	%	74			70-130	Pass	
Dieldrin	%	75			70-130	Pass	
Endosulfan I	%	72			70-130	Pass	
Endosulfan II	%	85			70-130	Pass	
Endosulfan sulphate	%	71			70-130	Pass	
Endrin	%	88			70-130	Pass	
Endrin aldehyde	%	86			70-130	Pass	
Endrin ketone	%	73			70-130	Pass	
g-HCH (Lindane)	%	78			70-130	Pass	
Heptachlor	%	90			70-130	Pass	
Heptachlor epoxide	%	74			70-130	Pass	
Hexachlorobenzene	%	77			70-130	Pass	
Methoxychlor	%	82			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	103			70-130	Pass	
Dimethoate	%	100			70-130	Pass	
Ethion	%	107			70-130	Pass	
Fenitrothion	%	106			70-130	Pass	
Methyl parathion	%	124			70-130	Pass	
Mevinphos	%	91			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S22-Ja02283	NCP	%	83			70-130	Pass	
Naphthalene	S22-Ja02283	NCP	%	94			70-130	Pass	
TRH C6-C10	S22-Ja02283	NCP	%	76			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S22-Ja02283	NCP	%	94			70-130	Pass	
Toluene	S22-Ja02283	NCP	%	93			70-130	Pass	
Ethylbenzene	S22-Ja02283	NCP	%	90			70-130	Pass	
m&p-Xylenes	S22-Ja02283	NCP	%	100			70-130	Pass	
o-Xylene	S22-Ja02283	NCP	%	100			70-130	Pass	
Xylenes - Total*	S22-Ja02283	NCP	%	100			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S22-Ja13283	NCP	%	99			70-130	Pass	
Acenaphthylene	S22-Ja13283	NCP	%	104			70-130	Pass	
Anthracene	S22-Ja13283	NCP	%	94			70-130	Pass	
Benz(a)anthracene	S22-Ja13283	NCP	%	93			70-130	Pass	
Benzo(a)pyrene	S22-Ja13283	NCP	%	104			70-130	Pass	
Benzo(b&j)fluoranthene	S22-Ja13283	NCP	%	103			70-130	Pass	
Benzo(g.h.i)perylene	S22-Ja13283	NCP	%	92			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Benzo(k)fluoranthene	S22-Ja13283	NCP	%	99			70-130	Pass	
Chrysene	S22-Ja13283	NCP	%	92			70-130	Pass	
Dibenz(a.h)anthracene	S22-Ja13283	NCP	%	98			70-130	Pass	
Fluoranthene	S22-Ja13283	NCP	%	89			70-130	Pass	
Fluorene	S22-Ja13283	NCP	%	100			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S22-Ja13283	NCP	%	98			70-130	Pass	
Naphthalene	S22-Ja13283	NCP	%	100			70-130	Pass	
Phenanthrene	S22-Ja13283	NCP	%	92			70-130	Pass	
Pyrene	S22-Ja13283	NCP	%	90			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S22-Ja13283	NCP	%	91			70-130	Pass	
4.4'-DDD	S22-Ja13283	NCP	%	82			70-130	Pass	
4.4'-DDE	S22-Ja13283	NCP	%	93			70-130	Pass	
4.4'-DDT	S22-Ja13283	NCP	%	106			70-130	Pass	
a-HCH	S22-Ja13283	NCP	%	88			70-130	Pass	
Aldrin	S22-Ja13283	NCP	%	93			70-130	Pass	
b-HCH	S22-Ja13283	NCP	%	94			70-130	Pass	
d-HCH	S22-Ja13283	NCP	%	87			70-130	Pass	
Dieldrin	S22-Ja13283	NCP	%	93			70-130	Pass	
Endosulfan I	S22-Ja13283	NCP	%	86			70-130	Pass	
Endosulfan II	S22-Ja13283	NCP	%	78			70-130	Pass	
Endosulfan sulphate	S22-Ja13283	NCP	%	91			70-130	Pass	
Endrin	S22-Ja13283	NCP	%	127			70-130	Pass	
Endrin aldehyde	S22-Ja13283	NCP	%	78			70-130	Pass	
Endrin ketone	S22-Ja13283	NCP	%	89			70-130	Pass	
g-HCH (Lindane)	S22-Ja13283	NCP	%	90			70-130	Pass	
Heptachlor	S22-Ja13283	NCP	%	108			70-130	Pass	
Heptachlor epoxide	S22-Ja13283	NCP	%	92			70-130	Pass	
Hexachlorobenzene	S22-Ja13283	NCP	%	98			70-130	Pass	
Methoxychlor	S22-Ja13283	NCP	%	108			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S22-Ja00481	CP	%	90			70-130	Pass	
TRH >C10-C16	S22-Ja00481	CP	%	88			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S22-Ja00481	CP	%	91			75-125	Pass	
Cadmium	S22-Ja00481	CP	%	89			75-125	Pass	
Chromium	S22-Ja00481	CP	%	105			75-125	Pass	
Copper	S22-Ja00481	CP	%	101			75-125	Pass	
Lead	S22-Ja00481	CP	%	95			75-125	Pass	
Mercury	S22-Ja00481	CP	%	103			75-125	Pass	
Nickel	S22-Ja00481	CP	%	91			75-125	Pass	
Zinc	S22-Ja00481	CP	%	79			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Ja00482	CP	%	103			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Ja00482	CP	%	97			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Ja00482	CP	%	101			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Ja00482	CP	%	103			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Ja00482	CP	%	89			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Ja00482	CP	%	103			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Ja00482	CP	%	99			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroundecanoic acid (PFUnDA)	S22-Ja00482	CP	%	95			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Ja00482	CP	%	107			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Ja00482	CP	%	105			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Ja00482	CP	%	105			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Ja00482	CP	%	102			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Ja00482	CP	%	87			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Ja00482	CP	%	130			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Ja00482	CP	%	108			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Ja00482	CP	%	103			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Ja00482	CP	%	104			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Ja00482	CP	%	113			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Ja00482	CP	%	70			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Ja00482	CP	%	90			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Ja00482	CP	%	99			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Ja00482	CP	%	73			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Ja00482	CP	%	93			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Ja00482	CP	%	96			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Ja00482	CP	%	103			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Ja00482	CP	%	71			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Ja00482	CP	%	106			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Ja00482	CP	%	102			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Ja00482	CP	%	114			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Ja00482	CP	%	107			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Ja00490	CP	%	79			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Ja00490	CP	%	75			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Ja00490	CP	%	77			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Ja00490	CP	%	78			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Ja00490	CP	%	82			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorononanoic acid (PFNA)	S22-Ja00490	CP	%	81			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Ja00490	CP	%	81			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Ja00490	CP	%	84			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Ja00490	CP	%	78			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Ja00490	CP	%	84			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Ja00490	CP	%	85			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Ja00490	CP	%	78			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Ja00490	CP	%	74			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Ja00490	CP	%	79			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Ja00490	CP	%	78			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Ja00490	CP	%	72			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Ja00490	CP	%	85			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Ja00490	CP	%	69			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Ja00490	CP	%	86			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Ja00490	CP	%	70			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Ja00490	CP	%	100			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Ja00490	CP	%	73			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Ja00490	CP	%	78			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Ja00490	CP	%	85			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Ja00490	CP	%	76			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Ja00490	CP	%	62			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Ja00490	CP	%	87			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Ja00490	CP	%	84			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Ja00490	CP	%	79			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Ja00490	CP	%	79			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Ja00472	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S22-Ja00472	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Ja00472	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S22-Ja00472	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S22-Ja00472	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S22-Ja00472	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S22-Ja00472	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S22-Ja00472	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Methylene Chloride	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S22-Ja00472	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Ja00476	CP	%	17	17	4.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Ja00478	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Ja00478	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorooctanesulfonic acid (PFOS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Ja00478	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Ja00478	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S22-Ja00480	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S22-Ja00480	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S22-Ja00480	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S22-Ja00480	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S22-Ja00480	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S22-Ja00480	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Ja00480	CP	mg/kg	6.2	6.2	<1	30%	Pass	
Cadmium	S22-Ja00480	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Ja00480	CP	mg/kg	21	20	2.0	30%	Pass	
Copper	S22-Ja00480	CP	mg/kg	24	23	3.0	30%	Pass	
Lead	S22-Ja00480	CP	mg/kg	14	14	6.0	30%	Pass	
Mercury	S22-Ja00480	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Ja00480	CP	mg/kg	15	15	1.0	30%	Pass	
Zinc	S22-Ja00480	CP	mg/kg	43	41	6.0	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S22-Ja00482	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Nitroaniline	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S22-Ja00482	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S22-Ja00482	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S22-Ja00482	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S22-Ja00482	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Diethyl phthalate	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S22-Ja00482	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Ja00482	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Ja00482	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Ja00482	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Ja00482	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Ja00482	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Methoxychlor	S22-Ja00482	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S22-Ja00482	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S22-Ja00482	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S22-Ja00482	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S22-Ja00482	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S22-Ja00482	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Ja00486	CP	%	17	17	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Ja00490	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S22-Ja00490	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S22-Ja00490	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S22-Ja00490	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S22-Ja00490	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S22-Ja00490	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S22-Ja00490	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S22-Ja00490	CP	mg/kg	< 100	< 100	<1	30%	Pass	

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Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Ja00490	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S22-Ja00490	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S22-Ja00490	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S22-Ja00490	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S22-Ja00490	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S22-Ja00490	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S22-Ja00490	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Ja00490	CP	mg/kg	4.9	8.7	55	30%	Fail	Q15
Cadmium	S22-Ja00490	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Ja00490	CP	mg/kg	22	31	31	30%	Fail	Q15
Copper	S22-Ja00490	CP	mg/kg	17	18	7.0	30%	Pass	
Lead	S22-Ja00490	CP	mg/kg	14	18	22	30%	Pass	
Mercury	S22-Ja00490	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Ja00490	CP	mg/kg	8.7	9.5	8.0	30%	Pass	
Zinc	S22-Ja00490	CP	mg/kg	29	32	10	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)
Sarah McCallion	Senior Analyst-PFAS (QLD)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **853609-W-V2**
Project name BRADFIELD CITY CENTRE
Project ID 571466
Received Date Nov 11, 2021

Client Sample ID			**AI_TRIP SPIKE**	**AI_TRIP BLANK**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S22-Ja00496**	**S22-Ja00497**
Date Sampled			**Nov 09, 2021**	**Nov 09, 2021**
Test/Reference	LOR	Unit		
BTEX				
Benzene	1	%	62	-
Ethylbenzene	1	%	30	-
m&p-Xylenes	1	%	54	-
o-Xylene	1	%	19	-
Toluene	1	%	36	-
Xylenes - Total	1	%	31	-
4-Bromofluorobenzene (surr.)	1	%	80	-
BTEX				
Benzene	0.001	mg/L	-	< 0.001
Toluene	0.001	mg/L	-	< 0.001
Ethylbenzene	0.001	mg/L	-	< 0.001
m&p-Xylenes	0.002	mg/L	-	< 0.002
o-Xylene	0.001	mg/L	-	< 0.001
Xylenes - Total*	0.003	mg/L	-	< 0.003
4-Bromofluorobenzene (surr.)	1	%	-	82

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
BTEX	Sydney	Jan 04, 2022	14 Days

- Method: LTM-ORG-2010 TRH C6-C40

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Company Name: ERM Sydney
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Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	AI_TP03-0.1	Nov 09, 2021		Soil	S22-Ja00472	X			X		X	X	X	
2	AI_TP03-0.3	Nov 09, 2021		Soil	S22-Ja00473				X	X		X	X	
3	AI_TP02-0.1	Nov 09, 2021		Soil	S22-Ja00474	X			X		X	X	X	
4	AI_TP02-0.3	Nov 09, 2021		Soil	S22-Ja00475				X	X		X	X	
5	AI_TP11-0.1	Nov 09, 2021		Soil	S22-Ja00476	X			X		X	X	X	
6	AI_TP15-0.1	Nov 09, 2021		Soil	S22-Ja00477	X			X		X	X	X	
7	AI_TP15-0.3	Nov 09, 2021		Soil	S22-Ja00478				X	X		X	X	
8	AI_TP55-0.1	Nov 09, 2021		Soil	S22-Ja00479	X			X		X	X	X	
9	AI_TP55-0.3	Nov 09, 2021		Soil	S22-Ja00480				X	X		X	X	

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Project Name: BRADFIELD CITY CENTRE
Project ID: 571466

Order No.:
Report #: 853609
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Nov 11, 2021 11:15 AM
Due: Jan 17, 2022
Priority: 5 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
10	AI_TP54-0.1	Nov 09, 2021		Soil	S22-Ja00481	X			X		X	X	X	
11	AI_TP54-0.3	Nov 09, 2021		Soil	S22-Ja00482				X	X		X	X	
12	AI_TP43-0.1	Nov 09, 2021		Soil	S22-Ja00483	X			X		X	X	X	
13	AI_TP43-0.3	Nov 09, 2021		Soil	S22-Ja00484				X	X		X	X	
14	AI_TP33-0.1	Nov 09, 2021		Soil	S22-Ja00485	X			X		X	X	X	
15	AI_TP34-0.1	Nov 09, 2021		Soil	S22-Ja00486	X			X		X	X	X	
16	AI_TP35-0.1	Nov 09, 2021		Soil	S22-Ja00487	X			X		X	X	X	
17	AI_TP35-0.2	Nov 09, 2021		Soil	S22-Ja00488				X	X		X	X	
18	AI_TP36-0.1	Nov 09, 2021		Soil	S22-Ja00489	X			X		X	X	X	
19	AI_TP36-0.3	Nov 09, 2021		Soil	S22-Ja00490				X	X		X	X	
20	AI_TP56-0.1	Nov 09, 2021		Soil	S22-Ja00491	X			X		X	X	X	

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Project Name: BRADFIELD CITY CENTRE
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Received: Nov 11, 2021 11:15 AM
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Sample Detail						Asbestos - AS4964	HOLD	BTEX	Moisture Set	Eurofins Suite B10	Eurofins Suite B7	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254														
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794													X	
Mayfield Laboratory - NATA # 1261 Site # 25079														
Perth Laboratory - NATA # 2377 Site # 2370														
External Laboratory														
21	AI_TP56-0.3	Nov 09, 2021		Soil	S22-Ja00492				X	X		X	X	
22	AI_20211109-D01	Nov 09, 2021		Soil	S22-Ja00493				X	X		X	X	
23	AI_TP44-0.1	Nov 09, 2021		Soil	S22-Ja00494		X							
24	AI_TP44-0.3	Nov 09, 2021		Soil	S22-Ja00495		X							
25	AI_TRIP SPIKE	Nov 09, 2021		Water	S22-Ja00496									X
26	AI_TRIP BLANK	Nov 09, 2021		Water	S22-Ja00497			X						
Test Counts						12	2	1	22	10	12	22	22	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

.

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	94			70-130	Pass	
Toluene	%	94			70-130	Pass	
Ethylbenzene	%	98			70-130	Pass	
m&p-Xylenes	%	98			70-130	Pass	
o-Xylene	%	99			70-130	Pass	
Xylenes - Total*	%	98			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S21-De59924	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S21-De59924	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S21-De59924	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S21-De59924	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S21-De59924	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S21-De59924	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

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Comments

This report was revised V2 to include prefix "AI_" to all samples as requested.

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

John Nguyen	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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DRAFT

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	NICK GRBICH
Address	11/277 Lane Cove Rd Mac Park 2113	Project Name	WPCA - BCC	EDD Format (ESdat, EQuIS etc)	ESDAT
Contact Name	Jack Emblen				
Phone №	0402979340				
Special Directions	URGENT				
Purchase Order					
Quote ID №					

Sampler(s)	JACK + ANT
Handed over by	"
Email for Invoice	Standard ERM
Email for Results	Nick + Jack

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to unload SUITE pricing.)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked. ♦Surcharge will apply)

- ☑ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	Solid Suite A	Solid Suite B	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass*	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	IA_1B_TP01_0.1			X										Solid suite A = Asbestos, PFAS, TRH/BTEX/PAH/SVOCs VOCs/heavy metals(8) OCP/OPP
2	" " _0.5				X									
3	" " _TP07_0.1			X										
4	" " _TP07_0.4				X									
5	_TP08_0.1			X										Solid suite B = PFAS TRH/BTEX/PAHs/SVOCs VOCs/heavy metals/OCP/OPP.
6	_TP08_0.5				X									
7	_TP14_0.1			X										
8	_TP14_0.5				X									
9	_TP19_0.1			X										
10	_TP19_0.5				X									
	Total Counts													

Method of Shipment: ☐ Courier (#) ☑ Hand Delivered ☐ Postal — Name — Signature — Date — Time

Laboratory Use Only									
Received By	MR	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	15/12/22	Time	3:06PM	Temperature 4.1°C
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report № 863497

DRAFT

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

Modified by Dr R Symons Approved by G. Jackson Approved on 8 August 2019

jack.emblen@erm.com
nicholas.grbich@erm.com
ian.batterley@erm.com

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company		Project №		Project Manager	Sampler(s)
Address	SEE PAGE 0	Project Name		EDD Format (ESdat, EQuIS etc)	Handed over by
Contact Name					Email for Invoice
Phone №					Email for Results
Special Directions					
Purchase Order					
Quote ID №					

Analyses Where metals are requested please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

Containers Change container type & size if necessary.

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A	SOLID SUITE B	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	1A_1B_TP21_0.1			X										
12	_TP21_0.3				X									
13	_TP22_0.1			X										
14	_TP22_0.4				X									
15	_TP23_0.1			X										
16	_TP23_0.3				X									
17	_TP24_0.1			X										
18	_TP24_0.4				X									
19	_TP25_0.1			X										
20	_TP25_0.4				X									
	Total Counts													

Method of Shipment	☐ Courier (#)	☒ Hand Delivered	☐ Postal	Name		Signature		Date	Time
Laboratory Use Only	Received By	MR	SYD / BNE / MEL / PER / ADL / NTL / DRW	Signature		Date	15/12/22	Time	3:06PM
	Received By		SYD / BNE / MEL / PER / ADL / NTL / DRW	Signature		Date		Time	

Temperature 4.1°C

Report № 863497

DRAFT

CHAIN OF CUSTODY RECORD

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☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company		Project №		Project Manager	
Address	SETS PAIRED	Project Name		EDD Format (ESdat, EQuIS etc)	
Contact Name					
Phone №					
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	
Handed over by	
Email for Invoice	
Email for Results	

Containers Change container type & size if necessary.

Required Turnaround Time (TAT) Default will be 5 days if not ticked

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	Analyses: Where metals are requested please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing: SOLID SUITE A	SOLID SUITE B	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	IA_1B_TP29_0.1			X										
22	TP29_0.4				X									
23	TP28_0.1			X										
24	TP28_0.3				X									
25	TP27_0.1			X										
26	TP27_0.3				X									
27	TP30_0.1			X										
28	TP30_0.3				X									
29	TP33_0.1			X										
30	TP33_0.4				X									
	Total Counts													

Method of Shipment							
☐ Courier (#)	☑ Hand Delivered	☐ Postal	Name		Signature		Date		Time	

Laboratory Use Only												
Received By	BMR	SYD ⓔ BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	15/12/22	Time	3:06PM	Temperature	4.1°C
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	863497

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CHAIN OF CUSTODY RECORD

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☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company		Project №		Project Manager	
Address		Project Name		EDD Format (ESdat, EQuIS etc)	
Contact Name					
Phone №					
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)

Handed over by

Email for Invoice

Email for Results

SEE PAGE 0

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE codes must be used to attract SUITE pricing)

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A	SOLID SUITE B
1	1A_1B_TP34_0.1			X	
2	TP34_0.4				X
3	TP35_0.1			X	
4	TP35_0.4				X
5	TP36_0.1			X	
6	TP36_0.3				X
7	TP39_0.1			X	
8	TP39_0.3				X
9	TP40_0.05			X	
10	TP40_0.3				X
	Total Counts				

Containers Change container type & size if necessary

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

Required Turnaround Time (TAT) Default will be 5 days if not ticked

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦

☐ Same day♦ ☐ 1 day♦

☐ 2 days♦ ☐ 3 days♦

☐ 5 days (Standard)

☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

Method of Shipment: ☐ Courier (#) ☑ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only										
Received By		(SYD) BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	15/12/22	Time	3:06pm	Temperature	4.1°C
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	863497

DRAFT

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☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company		Project №		Project Manager	Sampler(s)
Address	SEE PAGE 1	Project Name		EDD Format (ESdat, EQuIS etc)	Handed over by
Contact Name					Email for Invoice
Phone №					Email for Results
Special Directions					
Purchase Order					
Quote ID №					

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A	SOLID SUITE B	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	1A_1B_TP41_0.1			X										
12	TP41_0.4				X									
13	TP46_0.1			X										
14	TP46_0.5				X									
15	TP38_0.1			X										
16	TP38_0.4				X									
17														
18														
19														
20														
	Total Counts													

Method of Shipment	☐ Courier (#)	☑ Hand Delivered	☐ Postal	Name		Signature		Date		Time	
Laboratory Use Only	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	15/12/22	Time	3:06PM	Temperature	4.1°C
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	863497

DRAFT

RE: Attention: Eurofins Sample Receipt Advice - Report 863497 : Site WPCA-BCC (0571466)

Jack Emblen <Jack.Emblen@erm.com>

Wed 2/16/2022 8:46 AM

To: #AU04_Enviro_Sample_NSW <EnviroSampleNSW@eurofins.com>

Cc: Ian Batterley <Ian.Batterley@erm.com>; Anthony Richard <anthony.richard@erm.com>; Nicholas Grbich <Nicholas.Grbich@erm.com>

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Hi Guys,

Looks like a mistake on the COC:

- Sample "IA_1B_TP25_0.1" should be "IA_1B_TP26_0.1" – please analyse for Solid Suite A as per COC;
- Sample "IA_1B_TP25_0.4" should be "IA_1B_TP26_0.4" – please analyse for Solid Suite B as per COC.

Thanks!

Kind Regards,

Jack Emblen
Environmental Consultant

ERM
Unit 11 ¦277 Lane Cove Road¦ Macquarie Park NSW 2113
E jack.emblen@erm.com ¦ W www.erm.com

ERM *The business of sustainability*

From: Ian Ba erley <Ian.Ba erley@erm.com>
Sent: Tuesday, February 15, 2022 7:48 PM
To: Jack Emblen <Jack.Emblen@erm.com>; Anthony Richard <anthony.richard@erm.com>; Nicholas Grbich <Nicholas.Grbich@erm.com>
Subject: Fwd: A en on: Eurofins Sample Receipt Advice - Report 863497 : Site WPCA-BCC (0571466)

Hey folks

Looks like the sample ids were doubled up for tp26 - let's just get them all analyzed - get and _a added to nomenclature so we can distinguish them

Ian

Get Outlook for iOS

From: EnviroSampleNSW@eurofins.com <EnviroSampleNSW@eurofins.com>
Sent: Tuesday, February 15, 2022 7:44:56 PM
To: Nicholas Grbich <Nicholas.Grbich@erm.com>
Cc: Ian Ba erley <Ian.Ba erley@erm.com>; Jack Emblen <Jack.Emblen@erm.com>
Subject: A en on: Eurofins Sample Receipt Advice - Report 863497 : Site WPCA-BCC (0571466)

DRAFT

CAUTION: This email originated from outside of the organiza on. Do not click links or open a achments unless you recognize the sender and know the content is safe.

Dear Valued Client,

Samples IA_IB_TP25_0.1 and IA_IB_TP25_0.4 not received, analysis cancelled. Samples IA_IB_TP26_0.1 and IA_IB_TP26_0.4 received extra and logged on hold.

Please find attached a Sample Receipt Advice (SRA), a Summary Sheet and a scanned copy of your Chain-of-Custody (COC). It is important that you check this documentation to ensure that the details are correct such as the Client Job Number, Turn Around Time, any comments in the Notes section and sample numbers as well as the requested analysis. If there are any irregularities then please contact your Eurofins Analytical Services Manager as soon as possible to make certain that they get changed.

DRAFT

Kind regards,
Mickael Ros
Sample Receipt

Eurofins | Environmental Testing
Unit F3, Parkview Building
16 Mars Road
LANE COVE WEST NSW 2066
AUSTRALIA
Phone: +61 02 9900 8421
Email: EnviroSampleNSW@eurofins.com
Website: [http://]environment.eurofins.com.au

View our latest EnviroNotes
How did we do? Provide your feedback here

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Please visit ERM's web site: http://www.erm.com. To find out how ERM manages personal data, please review our Privacy Policy

DRAFT

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www.eurofins.com.au EnviroSales@eurofins.com

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ABN: 50 005 085 521

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6 Monterey Road
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Phone : +61 3 8564 5000
NATA # 1261 Site # 1254

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Perth
46-48 Banksia Road
Welshpool WA 6106
Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

Auckland
35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	WPCA-BCC
Project ID:	0571466
Turnaround time:	Overnight
Date/Time received	Feb 15, 2022 3:06 PM
Eurofins reference	863497

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

John Nguyen on phone : or by email: JohnNguyen@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

DRAFT

eurofins | Environment Testing

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Melbourne
6 Monterey Road
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Phone : +61 3 8564 5000
NATA # 1261 Site # 1254

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Perth
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Welshpool WA 6106
Phone : +61 8 6253 4444
NATA # 2377 Site # 2370

Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

Auckland
35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: WPCA-BCC
Project ID: 0571466

Order No.:
Report #: 863497
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Feb 15, 2022 3:06 PM
Due: Feb 16, 2022
Priority: Overnight
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	IA_IB_TP01_0.1	Feb 15, 2022		Soil	S22-Fe27848	X		X	X	X	X
2	IA_IB_TP01_0.5	Feb 15, 2022		Soil	S22-Fe27849			X	X	X	X
3	IA_IB_TP07_0.1	Feb 15, 2022		Soil	S22-Fe27850	X		X	X	X	X
4	IA_IB_TP07_0.4	Feb 15, 2022		Soil	S22-Fe27851			X	X	X	X
5	IA_IB_TP08_0.1	Feb 15, 2022		Soil	S22-Fe27852	X		X	X	X	X
6	IA_IB_TP08_0	Feb 15, 2022		Soil	S22-Fe27853			X	X	X	X

DRAFT

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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NATA # 1261 Site # 25079

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IANZ # 1290

Company Name: ERM Sydney
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NSW 2000

Project Name: WPCA-BCC
Project ID: 0571466

Order No.:
Report #: 863497
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Feb 15, 2022 3:06 PM
Due: Feb 16, 2022
Priority: Overnight
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.5										
7	IA_IB_TP14_0.1	Feb 15, 2022		Soil	S22-Fe27854	X		X	X	X	X
8	IA_IB_TP14_0.5	Feb 15, 2022		Soil	S22-Fe27855			X	X	X	X
9	IA_IB_TP19_0.1	Feb 15, 2022		Soil	S22-Fe27856	X		X	X	X	X
10	IA_IB_TP19_0.5	Feb 15, 2022		Soil	S22-Fe27857			X	X	X	X
11	IA_IB_TP21_0.1	Feb 15, 2022		Soil	S22-Fe27858	X		X	X	X	X
12	IA_IB_TP21_0.3	Feb 15, 2022		Soil	S22-Fe27859			X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
13	IA_IB_TP22_0.1	Feb 15, 2022		Soil	S22-Fe27860	X		X	X	X	X
14	IA_IB_TP22_0.4	Feb 15, 2022		Soil	S22-Fe27861			X	X	X	X
15	IA_IB_TP23_0.1	Feb 15, 2022		Soil	S22-Fe27862	X		X	X	X	X
16	IA_IB_TP23_0.3	Feb 15, 2022		Soil	S22-Fe27863			X	X	X	X
17	IA_IB_TP24_0.1	Feb 15, 2022		Soil	S22-Fe27864	X		X	X	X	X
18	IA_IB_TP24_0.4	Feb 15, 2022		Soil	S22-Fe27865			X	X	X	X
19	IA_IB_TP25_0	Feb 15, 2022		Soil	S22-Fe27866		X				

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.1										
20	IA_IB_TP25_0.4	Feb 15, 2022		Soil	S22-Fe27867		X				
21	IA_IB_TP29_0.1	Feb 15, 2022		Soil	S22-Fe27868	X		X	X	X	X
22	IA_IB_TP29_0.4	Feb 15, 2022		Soil	S22-Fe27869			X	X	X	X
23	IA_IB_TP28_0.1	Feb 15, 2022		Soil	S22-Fe27870	X		X	X	X	X
24	IA_IB_TP28_0.3	Feb 15, 2022		Soil	S22-Fe27871			X	X	X	X
25	IA_IB_TP27_0.1	Feb 15, 2022		Soil	S22-Fe27872	X		X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
26	IA_IB_TP27_0.3	Feb 15, 2022		Soil	S22-Fe27873			X	X	X	X
27	IA_IB_TP30_0.1	Feb 15, 2022		Soil	S22-Fe27874	X		X	X	X	X
28	IA_IB_TP30_0.3	Feb 15, 2022		Soil	S22-Fe27875			X	X	X	X
29	IA_IB_TP33_0.1	Feb 15, 2022		Soil	S22-Fe27876	X		X	X	X	X
30	IA_IB_TP33_0.4	Feb 15, 2022		Soil	S22-Fe27877			X	X	X	X
31	IA_IB_TP34_0.1	Feb 15, 2022		Soil	S22-Fe27878	X		X	X	X	X
32	IA_IB_TP34_0	Feb 15, 2022		Soil	S22-Fe27879			X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.4										
33	IA_IB_TP35_0.1	Feb 15, 2022		Soil	S22-Fe27880	X		X	X	X	X
34	IA_IB_TP35_0.4	Feb 15, 2022		Soil	S22-Fe27881			X	X	X	X
35	IA_IB_TP36_0.1	Feb 15, 2022		Soil	S22-Fe27882	X		X	X	X	X
36	IA_IB_TP36_0.3	Feb 15, 2022		Soil	S22-Fe27883			X	X	X	X
37	IA_IB_TP39_0.1	Feb 15, 2022		Soil	S22-Fe27884	X		X	X	X	X
38	IA_IB_TP39_0.3	Feb 15, 2022		Soil	S22-Fe27885			X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
39	IA_IB_TP40_0.05	Feb 15, 2022		Soil	S22-Fe27886	X		X	X	X	X
40	IA_IB_TP40_0.3	Feb 15, 2022		Soil	S22-Fe27887			X	X	X	X
41	IA_IB_TP41_0.1	Feb 15, 2022		Soil	S22-Fe27888	X		X	X	X	X
42	IA_IB_TP41_0.4	Feb 15, 2022		Soil	S22-Fe27889			X	X	X	X
43	IA_IB_TP46_0.1	Feb 15, 2022		Soil	S22-Fe27890	X		X	X	X	X
44	IA_IB_TP46_0.5	Feb 15, 2022		Soil	S22-Fe27891			X	X	X	X
45	IA_IB_TP38_0	Feb 15, 2022		Soil	S22-Fe27892	X		X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.1										
46	IA_IB_TP38_0.4	Feb 15, 2022		Soil	S22-Fe27893			X	X	X	X
47	IA_IB_TP26_0.1	Feb 15, 2022		Soil	S22-Fe28005	X		X	X	X	X
48	IA_IB_TP26_0.4	Feb 15, 2022		Soil	S22-Fe28006			X	X	X	X
Test Counts						23	2	46	46	46	46

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
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NSW 2000

Attention:	Nicholas Grbich
Report	863497-AID
Project Name	WPCA-BCC
Project ID	0571466
Received Date	Feb 15, 2022
Date Reported	Feb 17, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name WPCA-BCC
Project ID 0571466
Date Sampled Feb 15, 2022
Report 863497-AID

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
IA_IB_TP01_0.1	22-Fe27848	Feb 15, 2022	Approximate Sample 560g Sample consisted of: Brown coarse-grained clayey soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP07_0.1	22-Fe27850	Feb 15, 2022	Approximate Sample 394g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP08_0.1	22-Fe27852	Feb 15, 2022	Approximate Sample 211g Sample consisted of: Brown fine-grained clayey sandy- soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP14_0.1	22-Fe27854	Feb 15, 2022	Approximate Sample 303g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP19_0.1	22-Fe27856	Feb 15, 2022	Approximate Sample 480g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP21_0.1	22-Fe27858	Feb 15, 2022	Approximate Sample 452g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP22_0.1	22-Fe27860	Feb 15, 2022	Approximate Sample 414g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP23_0.1	22-Fe27862	Feb 15, 2022	Approximate Sample 411g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
IA_IB_TP24_0.1	22-Fe27864	Feb 15, 2022	Approximate Sample 332g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP29_0.1	22-Fe27868	Feb 15, 2022	Approximate Sample 445g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP28_0.1	22-Fe27870	Feb 15, 2022	Approximate Sample 562g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP27_0.1	22-Fe27872	Feb 15, 2022	Approximate Sample 429g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP30_0.1	22-Fe27874	Feb 15, 2022	Approximate Sample 376g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP33_0.1	22-Fe27876	Feb 15, 2022	Approximate Sample 675g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP34_0.1	22-Fe27878	Feb 15, 2022	Approximate Sample 615g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP35_0.1	22-Fe27880	Feb 15, 2022	Approximate Sample 488g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP36_0.1	22-Fe27882	Feb 15, 2022	Approximate Sample 582g Sample consisted of: Brown coarse-grained clayey-sandy soil, coal, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP39_0.1	22-Fe27884	Feb 15, 2022	Approximate Sample 490g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP40_0.05	22-Fe27886	Feb 15, 2022	Approximate Sample 630g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP41_0.1	22-Fe27888	Feb 15, 2022	Approximate Sample 530g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP46_0.1	22-Fe27890	Feb 15, 2022	Approximate Sample 486g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
IA_IB_TP38_0.1	22-Fe27892	Feb 15, 2022	Approximate Sample 362g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
IA_IB_TP26_0.1	22-Fe28005	Feb 15, 2022	Approximate Sample 486g Sample consisted of: Brown coarse-grained clayey-sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Feb 16, 2022	Indefinite

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Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Feb 15, 2022 3:06 PM
Due: Feb 16, 2022
Priority: Overnight
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	IA_IB_TP01_0.1	Feb 15, 2022		Soil	S22-Fe27848	X		X	X	X	X
2	IA_IB_TP01_0.5	Feb 15, 2022		Soil	S22-Fe27849			X	X	X	X
3	IA_IB_TP07_0.1	Feb 15, 2022		Soil	S22-Fe27850	X		X	X	X	X
4	IA_IB_TP07_0.4	Feb 15, 2022		Soil	S22-Fe27851			X	X	X	X
5	IA_IB_TP08_0.1	Feb 15, 2022		Soil	S22-Fe27852	X		X	X	X	X
6	IA_IB_TP08_0	Feb 15, 2022		Soil	S22-Fe27853			X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.5										
7	IA_IB_TP14_0.1	Feb 15, 2022		Soil	S22-Fe27854	X		X	X	X	X
8	IA_IB_TP14_0.5	Feb 15, 2022		Soil	S22-Fe27855			X	X	X	X
9	IA_IB_TP19_0.1	Feb 15, 2022		Soil	S22-Fe27856	X		X	X	X	X
10	IA_IB_TP19_0.5	Feb 15, 2022		Soil	S22-Fe27857			X	X	X	X
11	IA_IB_TP21_0.1	Feb 15, 2022		Soil	S22-Fe27858	X		X	X	X	X
12	IA_IB_TP21_0.3	Feb 15, 2022		Soil	S22-Fe27859			X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
13	IA_IB_TP22_0.1	Feb 15, 2022		Soil	S22-Fe27860	X		X	X	X	X
14	IA_IB_TP22_0.4	Feb 15, 2022		Soil	S22-Fe27861			X	X	X	X
15	IA_IB_TP23_0.1	Feb 15, 2022		Soil	S22-Fe27862	X		X	X	X	X
16	IA_IB_TP23_0.3	Feb 15, 2022		Soil	S22-Fe27863			X	X	X	X
17	IA_IB_TP24_0.1	Feb 15, 2022		Soil	S22-Fe27864	X		X	X	X	X
18	IA_IB_TP24_0.4	Feb 15, 2022		Soil	S22-Fe27865			X	X	X	X
19	IA_IB_TP25_0	Feb 15, 2022		Soil	S22-Fe27866		X				

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.1										
20	IA_IB_TP25_0.4	Feb 15, 2022		Soil	S22-Fe27867		X				
21	IA_IB_TP29_0.1	Feb 15, 2022		Soil	S22-Fe27868	X		X	X	X	X
22	IA_IB_TP29_0.4	Feb 15, 2022		Soil	S22-Fe27869			X	X	X	X
23	IA_IB_TP28_0.1	Feb 15, 2022		Soil	S22-Fe27870	X		X	X	X	X
24	IA_IB_TP28_0.3	Feb 15, 2022		Soil	S22-Fe27871			X	X	X	X
25	IA_IB_TP27_0.1	Feb 15, 2022		Soil	S22-Fe27872	X		X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
26	IA_IB_TP27_0.3	Feb 15, 2022		Soil	S22-Fe27873			X	X	X	X
27	IA_IB_TP30_0.1	Feb 15, 2022		Soil	S22-Fe27874	X		X	X	X	X
28	IA_IB_TP30_0.3	Feb 15, 2022		Soil	S22-Fe27875			X	X	X	X
29	IA_IB_TP33_0.1	Feb 15, 2022		Soil	S22-Fe27876	X		X	X	X	X
30	IA_IB_TP33_0.4	Feb 15, 2022		Soil	S22-Fe27877			X	X	X	X
31	IA_IB_TP34_0.1	Feb 15, 2022		Soil	S22-Fe27878	X		X	X	X	X
32	IA_IB_TP34_0	Feb 15, 2022		Soil	S22-Fe27879			X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.4										
33	IA_IB_TP35_0.1	Feb 15, 2022		Soil	S22-Fe27880	X		X	X	X	X
34	IA_IB_TP35_0.4	Feb 15, 2022		Soil	S22-Fe27881			X	X	X	X
35	IA_IB_TP36_0.1	Feb 15, 2022		Soil	S22-Fe27882	X		X	X	X	X
36	IA_IB_TP36_0.3	Feb 15, 2022		Soil	S22-Fe27883			X	X	X	X
37	IA_IB_TP39_0.1	Feb 15, 2022		Soil	S22-Fe27884	X		X	X	X	X
38	IA_IB_TP39_0.3	Feb 15, 2022		Soil	S22-Fe27885			X	X	X	X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
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Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
39	IA_IB_TP40_0.05	Feb 15, 2022		Soil	S22-Fe27886	X		X	X	X	X
40	IA_IB_TP40_0.3	Feb 15, 2022		Soil	S22-Fe27887			X	X	X	X
41	IA_IB_TP41_0.1	Feb 15, 2022		Soil	S22-Fe27888	X		X	X	X	X
42	IA_IB_TP41_0.4	Feb 15, 2022		Soil	S22-Fe27889			X	X	X	X
43	IA_IB_TP46_0.1	Feb 15, 2022		Soil	S22-Fe27890	X		X	X	X	X
44	IA_IB_TP46_0.5	Feb 15, 2022		Soil	S22-Fe27891			X	X	X	X
45	IA_IB_TP38_0	Feb 15, 2022		Soil	S22-Fe27892	X		X	X	X	X

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Company Name: ERM Sydney
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Sydney
NSW 2000

Project Name: WPCA-BCC
Project ID: 0571466

Order No.:
Report #: 863497
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Feb 15, 2022 3:06 PM
Due: Feb 16, 2022
Priority: Overnight
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.1										
46	IA_IB_TP38_0.4	Feb 15, 2022		Soil	S22-Fe27893			X	X	X	X
47	IA_IB_TP26_0.1	Feb 15, 2022		Soil	S22-Fe28005	X		X	X	X	X
48	IA_IB_TP26_0.4	Feb 15, 2022		Soil	S22-Fe28006			X	X	X	X
Test Counts						23	2	46	46	46	46

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Sayeed Abu	Senior Analyst-Asbestos (NSW)

Authorised by:

Chamath JHM Annakkage	Senior Analyst-Asbestos (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **863497-S**
Project name WPCA-BCC
Project ID 0571466
Received Date Feb 15, 2022

Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27848	S22-Fe27849	S22-Fe27850	S22-Fe27851
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	69	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	69	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	102	114	112	110
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27848**	**S22-Fe27849**	**S22-Fe27850**	**S22-Fe27851**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	102	114	112	110
Toluene-d8 (surr.)	1	%	98	113	115	113

DRAFT

Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27848**	**S22-Fe27849**	**S22-Fe27850**	**S22-Fe27851**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	123	145	105
p-Terphenyl-d14 (surr.)	1	%	122	113	132	106
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	0.09	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	0.09	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	99	98	137	94
Tetrachloro-m-xylene (surr.)	1	%	124	119	145	106

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Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27848	S22-Fe27849	S22-Fe27850	S22-Fe27851
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	105	98	128	97
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27848	S22-Fe27849	S22-Fe27850	S22-Fe27851
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	123	145	105
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	82	75	117	72
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27848**	**S22-Fe27849**	**S22-Fe27850**	**S22-Fe27851**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	150	133	INT	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	130	115	148	115
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27848**	**S22-Fe27849**	**S22-Fe27850**	**S22-Fe27851**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	4.4	10	12	14
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	10	23	34	40
Copper	5	mg/kg	13	21	28	23
Lead	5	mg/kg	17	16	23	25
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.8	13	13	9.2
Zinc	5	mg/kg	48	50	70	46
% Moisture	1	%	24	17	13	13
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	91	90	90	86
13C5-PFPeA (surr.)	1	%	109	105	108	107
13C5-PFHxA (surr.)	1	%	102	94	95	95
13C4-PFHpA (surr.)	1	%	101	94	94	92
13C8-PFOA (surr.)	1	%	98	95	91	92
13C5-PFNA (surr.)	1	%	103	96	91	93
13C6-PFDA (surr.)	1	%	104	96	90	100
13C2-PFUnDA (surr.)	1	%	115	100	94	101
13C2-PFDoDA (surr.)	1	%	116	103	107	111
13C2-PFTeDA (surr.)	1	%	102	105	103	102
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	95	93	87	83
D3-N-MeFOSA (surr.)	1	%	89	90	83	77
D5-N-EtFOSA (surr.)	1	%	95	91	88	82
D7-N-MeFOSE (surr.)	1	%	91	88	84	80
D9-N-EtFOSE (surr.)	1	%	93	93	86	83

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Client Sample ID			IA_IB_TP01_0.1	IA_IB_TP01_0.5	IA_IB_TP07_0.1	IA_IB_TP07_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27848**	**S22-Fe27849**	**S22-Fe27850**	**S22-Fe27851**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	113	93	91	113
D3-N-MeFOSAA (surr.)	1	%	111	87	83	88
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	5.7	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	100	103	101
18O2-PFHxS (surr.)	1	%	102	94	99	94
13C8-PFOS (surr.)	1	%	105	99	92	96
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	106	94	117	123
13C2-6:2 FTSA (surr.)	1	%	103	97	96	106
13C2-8:2 FTSA (surr.)	1	%	125	107	113	126
13C2-10:2 FTSA (surr.)	1	%	113	94	100	130
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	5.7	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	5.7	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	5.7	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27852**	**S22-Fe27853**	**S22-Fe27854**	**S22-Fe27855**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

DRAFT

Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27852	S22-Fe27853	S22-Fe27854	S22-Fe27855
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	116	105	111	126
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27852**	**S22-Fe27853**	**S22-Fe27854**	**S22-Fe27855**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	116	105	111	126
Toluene-d8 (surr.)	1	%	122	114	124	132
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	96	89	116	105
p-Terphenyl-d14 (surr.)	1	%	101	79	116	121

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Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27852	S22-Fe27853	S22-Fe27854	S22-Fe27855
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	86	69	114	99
Tetrachloro-m-xylene (surr.)	1	%	104	81	111	108
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27852	S22-Fe27853	S22-Fe27854	S22-Fe27855
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	87	71	111	105
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	96	89	116	105
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	72	69	96	88
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27852	S22-Fe27853	S22-Fe27854	S22-Fe27855
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27852**	**S22-Fe27853**	**S22-Fe27854**	**S22-Fe27855**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	126	99	INT	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	109	91	133	120
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	11	9.1	13	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	16	33	32
Copper	5	mg/kg	27	23	19	29
Lead	5	mg/kg	29	17	26	23
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	18	14	13	13
Zinc	5	mg/kg	78	55	49	60
% Moisture	1	%	14	15	12	16
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	82	87	94	89

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Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27852	S22-Fe27853	S22-Fe27854	S22-Fe27855
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	95	110	110	103
13C5-PFHxA (surr.)	1	%	92	91	98	92
13C4-PFHpA (surr.)	1	%	90	93	96	87
13C8-PFOA (surr.)	1	%	87	89	96	86
13C5-PFNA (surr.)	1	%	94	95	107	88
13C6-PFDA (surr.)	1	%	99	100	106	87
13C2-PFUnDA (surr.)	1	%	95	99	110	90
13C2-PFDoDA (surr.)	1	%	95	104	115	91
13C2-PFTeDA (surr.)	1	%	91	106	118	96
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	80	90	99	84
D3-N-MeFOSA (surr.)	1	%	72	85	90	83
D5-N-EtFOSA (surr.)	1	%	75	83	94	83
D7-N-MeFOSE (surr.)	1	%	73	83	86	82
D9-N-EtFOSE (surr.)	1	%	76	85	97	84
D5-N-EtFOSAA (surr.)	1	%	113	102	114	72
D3-N-MeFOSAA (surr.)	1	%	104	86	107	74
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	97	96	110	97
18O2-PFHxS (surr.)	1	%	95	97	103	90
13C8-PFOS (surr.)	1	%	93	96	105	89
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	150	108	118	102
13C2-6:2 FTSA (surr.)	1	%	135	96	117	92

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Client Sample ID			IA_IB_TP08_0.1	IA_IB_TP08_0.5	IA_IB_TP14_0.1	IA_IB_TP14_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27852	S22-Fe27853	S22-Fe27854	S22-Fe27855
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	163	130	144	113
13C2-10:2 FTSA (surr.)	1	%	150	121	150	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27856	S22-Fe27857	S22-Fe27858	S22-Fe27859
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	126	123	114	104
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27856**	**S22-Fe27857**	**S22-Fe27858**	**S22-Fe27859**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	126	123	114	104
Toluene-d8 (surr.)	1	%	139	133	120	106

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Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27856**	**S22-Fe27857**	**S22-Fe27858**	**S22-Fe27859**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	120	108	126
p-Terphenyl-d14 (surr.)	1	%	112	129	106	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	96	107	91	101
Tetrachloro-m-xylene (surr.)	1	%	109	109	105	112

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Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27856**	**S22-Fe27857**	**S22-Fe27858**	**S22-Fe27859**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	94	105	90	101
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27856	S22-Fe27857	S22-Fe27858	S22-Fe27859
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	120	108	126
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	92	85	81	90
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27856**	**S22-Fe27857**	**S22-Fe27858**	**S22-Fe27859**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	INT	146	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	127	132	122	132
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27856**	**S22-Fe27857**	**S22-Fe27858**	**S22-Fe27859**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	9.2	8.3	13	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	29	29	20	21
Copper	5	mg/kg	18	21	18	26
Lead	5	mg/kg	24	23	25	19
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	12	10	13
Zinc	5	mg/kg	49	32	31	51
% Moisture	1	%	17	15	14	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	100	86	79	79
13C5-PFPeA (surr.)	1	%	120	105	94	91
13C5-PFHxA (surr.)	1	%	109	93	80	76
13C4-PFHpA (surr.)	1	%	102	87	79	72
13C8-PFOA (surr.)	1	%	105	89	78	71
13C5-PFNA (surr.)	1	%	103	91	79	67
13C6-PFDA (surr.)	1	%	106	90	80	67
13C2-PFUnDA (surr.)	1	%	111	93	84	64
13C2-PFDoDA (surr.)	1	%	119	93	81	62
13C2-PFTeDA (surr.)	1	%	109	90	97	66
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	99	91	76	57
D3-N-MeFOSA (surr.)	1	%	92	84	75	42
D5-N-EtFOSA (surr.)	1	%	97	87	76	43
D7-N-MeFOSE (surr.)	1	%	96	85	72	50
D9-N-EtFOSE (surr.)	1	%	93	84	78	54

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Client Sample ID			IA_IB_TP19_0.1	IA_IB_TP19_0.5	IA_IB_TP21_0.1	IA_IB_TP21_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27856	S22-Fe27857	S22-Fe27858	S22-Fe27859
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	109	66	71	51
D3-N-MeFOSAA (surr.)	1	%	104	62	77	51
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	110	95	87	78
18O2-PFHxS (surr.)	1	%	110	95	88	72
13C8-PFOS (surr.)	1	%	115	99	87	66
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	121	98	86	80
13C2-6:2 FTSA (surr.)	1	%	110	95	81	67
13C2-8:2 FTSA (surr.)	1	%	137	113	100	79
13C2-10:2 FTSA (surr.)	1	%	132	99	90	67
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27860	S22-Fe27861	S22-Fe27862	S22-Fe27863
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	61	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	64	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	125	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27860**	**S22-Fe27861**	**S22-Fe27862**	**S22-Fe27863**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	120	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	120	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	82	84	83	88
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27860**	**S22-Fe27861**	**S22-Fe27862**	**S22-Fe27863**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	82	84	83	88
Toluene-d8 (surr.)	1	%	114	125	127	135
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	140	117	57	135
p-Terphenyl-d14 (surr.)	1	%	122	119	55	123

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27860	S22-Fe27861	S22-Fe27862	S22-Fe27863
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	102	98	INT	115
Tetrachloro-m-xylene (surr.)	1	%	116	115	53	117
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27860**	**S22-Fe27861**	**S22-Fe27862**	**S22-Fe27863**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	104	100	52	109
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	140	117	57	135
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	105	89	INT	72
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27860	S22-Fe27861	S22-Fe27862	S22-Fe27863
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27860**	**S22-Fe27861**	**S22-Fe27862**	**S22-Fe27863**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	INT	INT	76	INT
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	128	129	63	141
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	10	8.9	6.8	10
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	19	14	19
Copper	5	mg/kg	12	19	15	22
Lead	5	mg/kg	18	13	16	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.2	7.4	7.5	7.7
Zinc	5	mg/kg	24	34	35	33
% Moisture	1	%	15	19	9.8	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	83	91	88	95

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27860	S22-Fe27861	S22-Fe27862	S22-Fe27863
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	97	108	105	113
13C5-PFHxA (surr.)	1	%	91	95	93	101
13C4-PFHpA (surr.)	1	%	82	88	93	93
13C8-PFOA (surr.)	1	%	80	92	90	97
13C5-PFNA (surr.)	1	%	81	92	91	99
13C6-PFDA (surr.)	1	%	86	92	93	99
13C2-PFUnDA (surr.)	1	%	82	92	97	95
13C2-PFDoDA (surr.)	1	%	81	91	102	93
13C2-PFTeDA (surr.)	1	%	82	99	89	110
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	78	92	86	90
D3-N-MeFOSA (surr.)	1	%	75	88	77	83
D5-N-EtFOSA (surr.)	1	%	76	92	82	89
D7-N-MeFOSE (surr.)	1	%	76	87	81	88
D9-N-EtFOSE (surr.)	1	%	79	91	82	91
D5-N-EtFOSAA (surr.)	1	%	77	82	98	98
D3-N-MeFOSAA (surr.)	1	%	78	83	100	94
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	90	96	96	102
18O2-PFHxS (surr.)	1	%	83	97	94	98
13C8-PFOS (surr.)	1	%	83	90	94	100
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	92	96	109	106
13C2-6:2 FTSA (surr.)	1	%	88	90	104	93

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Client Sample ID			IA_IB_TP22_0.1	IA_IB_TP22_0.4	IA_IB_TP23_0.1	IA_IB_TP23_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27860	S22-Fe27861	S22-Fe27862	S22-Fe27863
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	99	106	116	120
13C2-10:2 FTSA (surr.)	1	%	92	88	123	111
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27864	S22-Fe27865	S22-Fe27868	S22-Fe27869
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	91	81	90	93
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27864**	**S22-Fe27865**	**S22-Fe27868**	**S22-Fe27869**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	91	81	90	93
Toluene-d8 (surr.)	1	%	129	106	118	120

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Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27864**	**S22-Fe27865**	**S22-Fe27868**	**S22-Fe27869**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	94	117	134	129
p-Terphenyl-d14 (surr.)	1	%	86	115	120	112
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	72	103	123	141
Tetrachloro-m-xylene (surr.)	1	%	82	121	122	119

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Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27864**	**S22-Fe27865**	**S22-Fe27868**	**S22-Fe27869**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	71	101	126	138
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27864	S22-Fe27865	S22-Fe27868	S22-Fe27869
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	94	117	134	129
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	67	86	77	75
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27864**	**S22-Fe27865**	**S22-Fe27868**	**S22-Fe27869**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	115	150	INT	148
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	89	123	122	130
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27864**	**S22-Fe27865**	**S22-Fe27868**	**S22-Fe27869**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	15	18	13	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	29	36	22	25
Copper	5	mg/kg	22	33	19	18
Lead	5	mg/kg	26	29	23	17
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	14	16	13
Zinc	5	mg/kg	47	63	37	43
% Moisture	1	%	16	18	18	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	94	88	86	95
13C5-PFPeA (surr.)	1	%	114	112	101	116
13C5-PFHxA (surr.)	1	%	99	91	85	94
13C4-PFHpA (surr.)	1	%	98	87	83	88
13C8-PFOA (surr.)	1	%	98	87	85	98
13C5-PFNA (surr.)	1	%	99	84	82	91
13C6-PFDA (surr.)	1	%	103	85	84	90
13C2-PFUnDA (surr.)	1	%	102	78	82	87
13C2-PFDoDA (surr.)	1	%	111	80	85	84
13C2-PFTeDA (surr.)	1	%	109	77	82	82
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	93	77	74	83
D3-N-MeFOSA (surr.)	1	%	88	74	72	76
D5-N-EtFOSA (surr.)	1	%	90	79	76	79
D7-N-MeFOSE (surr.)	1	%	89	77	73	82
D9-N-EtFOSE (surr.)	1	%	94	80	76	85

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Client Sample ID			IA_IB_TP24_0.1	IA_IB_TP24_0.4	IA_IB_TP29_0.1	IA_IB_TP29_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27864**	**S22-Fe27865**	**S22-Fe27868**	**S22-Fe27869**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	104	61	66	76
D3-N-MeFOSAA (surr.)	1	%	96	62	83	80
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	92	90	100
18O2-PFHxS (surr.)	1	%	101	90	90	98
13C8-PFOS (surr.)	1	%	102	81	85	87
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	113	94	100	102
13C2-6:2 FTSA (surr.)	1	%	106	81	77	89
13C2-8:2 FTSA (surr.)	1	%	123	94	92	96
13C2-10:2 FTSA (surr.)	1	%	129	84	95	91
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27870**	**S22-Fe27871**	**S22-Fe27872**	**S22-Fe27873**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	54	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	54	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27870**	**S22-Fe27871**	**S22-Fe27872**	**S22-Fe27873**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	81	89	118	98
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27870**	**S22-Fe27871**	**S22-Fe27872**	**S22-Fe27873**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	81	89	118	98
Toluene-d8 (surr.)	1	%	123	127	85	84
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	139	127	110	104
p-Terphenyl-d14 (surr.)	1	%	113	108	94	89

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27870	S22-Fe27871	S22-Fe27872	S22-Fe27873
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	150	124	141	130
Tetrachloro-m-xylene (surr.)	1	%	126	112	98	93
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27870	S22-Fe27871	S22-Fe27872	S22-Fe27873
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	144	126	INT	INT
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	139	127	110	104
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	76	74	104	102
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27870	S22-Fe27871	S22-Fe27872	S22-Fe27873
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27870	S22-Fe27871	S22-Fe27872	S22-Fe27873
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	146	142	81	76
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	147	124	85	76
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	12	20	13	15
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	19	24	26
Copper	5	mg/kg	25	20	21	34
Lead	5	mg/kg	21	16	25	22
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	16	7.1	12	19
Zinc	5	mg/kg	62	35	42	67
% Moisture	1	%	13	19	14	18
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	98	99	89	92

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27870	S22-Fe27871	S22-Fe27872	S22-Fe27873
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	110	120	102	114
13C5-PFHxA (surr.)	1	%	103	103	91	94
13C4-PFHpA (surr.)	1	%	94	96	85	82
13C8-PFOA (surr.)	1	%	96	100	91	88
13C5-PFNA (surr.)	1	%	94	94	79	82
13C6-PFDA (surr.)	1	%	101	96	79	84
13C2-PFUnDA (surr.)	1	%	102	95	84	78
13C2-PFDoDA (surr.)	1	%	109	94	80	80
13C2-PFTeDA (surr.)	1	%	108	98	78	77
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	94	92	73	76
D3-N-MeFOSA (surr.)	1	%	87	90	72	78
D5-N-EtFOSA (surr.)	1	%	88	93	79	81
D7-N-MeFOSE (surr.)	1	%	89	95	79	79
D9-N-EtFOSE (surr.)	1	%	98	98	82	80
D5-N-EtFOSAA (surr.)	1	%	109	78	70	64
D3-N-MeFOSAA (surr.)	1	%	104	86	71	63
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	97	103	96	91
18O2-PFHxS (surr.)	1	%	86	100	91	88
13C8-PFOS (surr.)	1	%	97	95	79	81
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	148	95	100	84
13C2-6:2 FTSA (surr.)	1	%	103	86	83	75

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Client Sample ID			IA_IB_TP28_0.1	IA_IB_TP28_0.3	IA_IB_TP27_0.1	IA_IB_TP27_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27870	S22-Fe27871	S22-Fe27872	S22-Fe27873
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	112	99	73	79
13C2-10:2 FTSA (surr.)	1	%	153	95	80	71
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27874	S22-Fe27875	S22-Fe27876	S22-Fe27877
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	108	111	108	112
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27874	S22-Fe27875	S22-Fe27876	S22-Fe27877
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	108	111	108	112
Toluene-d8 (surr.)	1	%	90	97	97	87

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Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27874**	**S22-Fe27875**	**S22-Fe27876**	**S22-Fe27877**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	131	115	107	94
p-Terphenyl-d14 (surr.)	1	%	117	119	109	105
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	95	139	145	138
Tetrachloro-m-xylene (surr.)	1	%	123	121	110	108

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Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27874**	**S22-Fe27875**	**S22-Fe27876**	**S22-Fe27877**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	105	INT	INT	INT
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27874	S22-Fe27875	S22-Fe27876	S22-Fe27877
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	131	115	107	94
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	138	118	111	110
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27874**	**S22-Fe27875**	**S22-Fe27876**	**S22-Fe27877**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	96	87	90	71
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	100	105	103	93
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27874**	**S22-Fe27875**	**S22-Fe27876**	**S22-Fe27877**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	7.9	13	8.9	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	15	22	22	22
Copper	5	mg/kg	16	32	19	25
Lead	5	mg/kg	18	18	24	15
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.6	10	14	10
Zinc	5	mg/kg	44	51	45	52
% Moisture	1	%	17	17	10	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	97	96	93	94
13C5-PFPeA (surr.)	1	%	118	114	104	108
13C5-PFHxA (surr.)	1	%	101	98	88	94
13C4-PFHpA (surr.)	1	%	92	91	89	89
13C8-PFOA (surr.)	1	%	98	90	94	95
13C5-PFNA (surr.)	1	%	93	89	90	85
13C6-PFDA (surr.)	1	%	94	91	93	90
13C2-PFUnDA (surr.)	1	%	94	89	91	85
13C2-PFDoDA (surr.)	1	%	92	90	95	87
13C2-PFTeDA (surr.)	1	%	87	89	98	87
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	86	81	79	83
D3-N-MeFOSA (surr.)	1	%	81	76	79	80
D5-N-EtFOSA (surr.)	1	%	84	82	82	85
D7-N-MeFOSE (surr.)	1	%	83	83	79	85
D9-N-EtFOSE (surr.)	1	%	86	86	102	87

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Client Sample ID			IA_IB_TP30_0.1	IA_IB_TP30_0.3	IA_IB_TP33_0.1	IA_IB_TP33_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27874	S22-Fe27875	S22-Fe27876	S22-Fe27877
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	83	83	89	64
D3-N-MeFOSAA (surr.)	1	%	84	86	81	62
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	102	102	96	100
18O2-PFHxS (surr.)	1	%	101	96	94	93
13C8-PFOS (surr.)	1	%	89	91	93	89
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	101	101	97	94
13C2-6:2 FTSA (surr.)	1	%	90	80	87	78
13C2-8:2 FTSA (surr.)	1	%	92	94	109	90
13C2-10:2 FTSA (surr.)	1	%	120	109	103	83
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27878	S22-Fe27879	S22-Fe27880	S22-Fe27881
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27878**	**S22-Fe27879**	**S22-Fe27880**	**S22-Fe27881**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	88	104	67	78
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27878**	**S22-Fe27879**	**S22-Fe27880**	**S22-Fe27881**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	88	104	67	78
Toluene-d8 (surr.)	1	%	116	147	80	105
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	94	103	102
p-Terphenyl-d14 (surr.)	1	%	113	92	104	106

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27878	S22-Fe27879	S22-Fe27880	S22-Fe27881
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	140	77	102	95
Tetrachloro-m-xylene (surr.)	1	%	113	103	109	110
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27878**	**S22-Fe27879**	**S22-Fe27880**	**S22-Fe27881**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	INT	84	128	111
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	107	94	103	102
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	115	70	73	84
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27878	S22-Fe27879	S22-Fe27880	S22-Fe27881
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27878**	**S22-Fe27879**	**S22-Fe27880**	**S22-Fe27881**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	91	62	79	79
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	99	80	89	97
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.7	7.4	11	15
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	25	25	31
Copper	5	mg/kg	18	23	22	33
Lead	5	mg/kg	26	24	28	30
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	14	16	18	20
Zinc	5	mg/kg	53	55	46	67
% Moisture	1	%	22	18	21	20
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	91	95	85	87

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27878	S22-Fe27879	S22-Fe27880	S22-Fe27881
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	109	110	104	103
13C5-PFHxA (surr.)	1	%	100	99	90	91
13C4-PFHpA (surr.)	1	%	89	93	82	84
13C8-PFOA (surr.)	1	%	90	94	90	90
13C5-PFNA (surr.)	1	%	87	91	83	83
13C6-PFDA (surr.)	1	%	93	94	88	85
13C2-PFUnDA (surr.)	1	%	96	86	81	83
13C2-PFDoDA (surr.)	1	%	89	88	84	81
13C2-PFTeDA (surr.)	1	%	92	90	78	82
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	83	86	88	83
D3-N-MeFOSA (surr.)	1	%	80	83	81	83
D5-N-EtFOSA (surr.)	1	%	84	88	86	86
D7-N-MeFOSE (surr.)	1	%	90	85	85	84
D9-N-EtFOSE (surr.)	1	%	82	90	87	86
D5-N-EtFOSAA (surr.)	1	%	77	67	61	37
D3-N-MeFOSAA (surr.)	1	%	77	59	55	37
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	97	98	91	94
18O2-PFHxS (surr.)	1	%	93	97	93	92
13C8-PFOS (surr.)	1	%	90	91	85	80
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	104	91	89	89
13C2-6:2 FTSA (surr.)	1	%	85	84	77	73

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Client Sample ID			IA_IB_TP34_0.1	IA_IB_TP34_0.4	IA_IB_TP35_0.1	IA_IB_TP35_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27878	S22-Fe27879	S22-Fe27880	S22-Fe27881
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	108	95	89	83
13C2-10:2 FTSA (surr.)	1	%	112	87	86	79
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27882	S22-Fe27883	S22-Fe27884	S22-Fe27885
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	72	70	73	79
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27882	S22-Fe27883	S22-Fe27884	S22-Fe27885
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	72	70	73	79
Toluene-d8 (surr.)	1	%	96	99	96	103

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Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27882**	**S22-Fe27883**	**S22-Fe27884**	**S22-Fe27885**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	108	95	115	125
p-Terphenyl-d14 (surr.)	1	%	108	116	115	119
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	126	126	149	INT
Tetrachloro-m-xylene (surr.)	1	%	112	115	114	124

DRAFT

Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27882	S22-Fe27883	S22-Fe27884	S22-Fe27885
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	INT	INT	INT	INT
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27882	S22-Fe27883	S22-Fe27884	S22-Fe27885
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	108	95	115	125
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	77	88	95	125
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27882**	**S22-Fe27883**	**S22-Fe27884**	**S22-Fe27885**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	85	73	91	100
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	95	96	97	103
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27882**	**S22-Fe27883**	**S22-Fe27884**	**S22-Fe27885**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	11	12	10	8.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	23	21	17
Copper	5	mg/kg	16	28	24	24
Lead	5	mg/kg	23	20	24	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	13	13	8.0
Zinc	5	mg/kg	28	49	62	38
% Moisture	1	%	19	17	13	19
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	93	95	96	99
13C5-PFPeA (surr.)	1	%	117	115	112	119
13C5-PFHxA (surr.)	1	%	95	98	101	103
13C4-PFHpA (surr.)	1	%	94	91	92	95
13C8-PFOA (surr.)	1	%	98	99	95	96
13C5-PFNA (surr.)	1	%	91	95	93	91
13C6-PFDA (surr.)	1	%	99	91	99	94
13C2-PFUnDA (surr.)	1	%	91	88	92	88
13C2-PFDoDA (surr.)	1	%	94	93	102	99
13C2-PFTeDA (surr.)	1	%	88	90	94	97
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	88	88	81	82
D3-N-MeFOSA (surr.)	1	%	84	87	82	75
D5-N-EtFOSA (surr.)	1	%	86	92	82	78
D7-N-MeFOSE (surr.)	1	%	85	92	81	80
D9-N-EtFOSE (surr.)	1	%	88	90	82	86

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Client Sample ID			IA_IB_TP36_0.1	IA_IB_TP36_0.3	IA_IB_TP39_0.1	IA_IB_TP39_0.3
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27882**	**S22-Fe27883**	**S22-Fe27884**	**S22-Fe27885**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	85	70	102	89
D3-N-MeFOSAA (surr.)	1	%	92	73	97	87
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	102	107	101
18O2-PFHxS (surr.)	1	%	97	98	99	98
13C8-PFOS (surr.)	1	%	90	91	95	89
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	111	100	109	106
13C2-6:2 FTSA (surr.)	1	%	92	84	101	93
13C2-8:2 FTSA (surr.)	1	%	98	88	120	95
13C2-10:2 FTSA (surr.)	1	%	112	88	145	100
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27886**	**S22-Fe27887**	**S22-Fe27888**	**S22-Fe27889**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27886**	**S22-Fe27887**	**S22-Fe27888**	**S22-Fe27889**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	79	78	73	79
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27886**	**S22-Fe27887**	**S22-Fe27888**	**S22-Fe27889**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	79	78	73	79
Toluene-d8 (surr.)	1	%	109	100	102	117
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	86	103	105	81
p-Terphenyl-d14 (surr.)	1	%	89	110	105	86

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27886**	**S22-Fe27887**	**S22-Fe27888**	**S22-Fe27889**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	111	137	138	114
Tetrachloro-m-xylene (surr.)	1	%	90	110	105	85
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27886**	**S22-Fe27887**	**S22-Fe27888**	**S22-Fe27889**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	138	INT	INT	141
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	86	103	105	81
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	84	111	111	87
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27886	S22-Fe27887	S22-Fe27888	S22-Fe27889
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27886**	**S22-Fe27887**	**S22-Fe27888**	**S22-Fe27889**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	63	68	82	60
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	65	85	79	64
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.1	9.8	9.1	19
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	24	24	28
Copper	5	mg/kg	19	30	21	48
Lead	5	mg/kg	24	19	20	16
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	14	21	14	23
Zinc	5	mg/kg	36	76	50	96
% Moisture	1	%	19	17	12	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	100	94	89	90

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27886	S22-Fe27887	S22-Fe27888	S22-Fe27889
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C5-PFPeA (surr.)	1	%	125	112	104	109
13C5-PFHxA (surr.)	1	%	102	101	88	97
13C4-PFHpA (surr.)	1	%	99	93	91	90
13C8-PFOA (surr.)	1	%	105	98	90	95
13C5-PFNA (surr.)	1	%	97	91	91	88
13C6-PFDA (surr.)	1	%	96	92	96	93
13C2-PFUnDA (surr.)	1	%	96	84	91	86
13C2-PFDoDA (surr.)	1	%	89	90	94	91
13C2-PFTeDA (surr.)	1	%	96	84	102	93
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	87	82	81	81
D3-N-MeFOSA (surr.)	1	%	86	81	79	82
D5-N-EtFOSA (surr.)	1	%	89	85	81	82
D7-N-MeFOSE (surr.)	1	%	89	86	82	82
D9-N-EtFOSE (surr.)	1	%	93	84	98	95
D5-N-EtFOSAA (surr.)	1	%	75	71	94	66
D3-N-MeFOSAA (surr.)	1	%	77	65	84	68
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	100	98	94
18O2-PFHxS (surr.)	1	%	105	94	92	92
13C8-PFOS (surr.)	1	%	96	88	90	86
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	104	93	98	94
13C2-6:2 FTSA (surr.)	1	%	86	80	90	81

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Client Sample ID			IA_IB_TP40_0.05	IA_IB_TP40_0.3	IA_IB_TP41_0.1	IA_IB_TP41_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27886**	**S22-Fe27887**	**S22-Fe27888**	**S22-Fe27889**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
13C2-8:2 FTSA (surr.)	1	%	92	84	96	88
13C2-10:2 FTSA (surr.)	1	%	98	86	99	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27890**	**S22-Fe27891**	**S22-Fe27892**	**S22-Fe27893**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	52	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	52	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	79	89	91
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27890**	**S22-Fe27891**	**S22-Fe27892**	**S22-Fe27893**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Volatile Organics						
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	87	79	89	91
Toluene-d8 (surr.)	1	%	122	111	134	118

DRAFT

Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27890**	**S22-Fe27891**	**S22-Fe27892**	**S22-Fe27893**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	118	89	107	95
p-Terphenyl-d14 (surr.)	1	%	105	115	87	81
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	150	INT	150	113
Tetrachloro-m-xylene (surr.)	1	%	111	125	100	86

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Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27890**	**S22-Fe27891**	**S22-Fe27892**	**S22-Fe27893**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	INT	INT	INT	INT
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Fe27890	S22-Fe27891	S22-Fe27892	S22-Fe27893
Date Sampled			Feb 15, 2022	Feb 15, 2022	Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	118	89	107	95
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	114	109	99	97
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27890**	**S22-Fe27891**	**S22-Fe27892**	**S22-Fe27893**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	92	96	76	70
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	104	111	68	74
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27890**	**S22-Fe27891**	**S22-Fe27892**	**S22-Fe27893**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	5.7	5.9	11	12
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	14	20	35	43
Copper	5	mg/kg	17	24	14	18
Lead	5	mg/kg	24	19	24	24
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	14	17	9.3	10
Zinc	5	mg/kg	48	52	31	34
% Moisture	1	%	11	16	10	14
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	89	90	88	88
13C5-PFPeA (surr.)	1	%	105	107	101	103
13C5-PFHxA (surr.)	1	%	89	95	91	95
13C4-PFHpA (surr.)	1	%	87	89	94	91
13C8-PFOA (surr.)	1	%	88	93	91	90
13C5-PFNA (surr.)	1	%	86	88	91	89
13C6-PFDA (surr.)	1	%	92	93	98	91
13C2-PFUnDA (surr.)	1	%	84	91	92	90
13C2-PFDoDA (surr.)	1	%	91	91	98	96
13C2-PFTeDA (surr.)	1	%	86	91	93	88
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	76	82	79	87
D3-N-MeFOSA (surr.)	1	%	75	82	72	87
D5-N-EtFOSA (surr.)	1	%	78	82	76	85
D7-N-MeFOSE (surr.)	1	%	76	80	76	81
D9-N-EtFOSE (surr.)	1	%	79	83	77	86

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Client Sample ID			IA_IB_TP46_0.1	IA_IB_TP46_0.5	IA_IB_TP38_0.1	IA_IB_TP38_0.4
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe27890**	**S22-Fe27891**	**S22-Fe27892**	**S22-Fe27893**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D5-N-EtFOSAA (surr.)	1	%	84	75	109	69
D3-N-MeFOSAA (surr.)	1	%	79	75	91	62
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	95	99	103	100
18O2-PFHxS (surr.)	1	%	92	96	94	94
13C8-PFOS (surr.)	1	%	86	86	90	92
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	95	101	121	99
13C2-6:2 FTSA (surr.)	1	%	84	88	113	83
13C2-8:2 FTSA (surr.)	1	%	95	88	132	104
13C2-10:2 FTSA (surr.)	1	%	117	102	174	109
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe28005**	**S22-Fe28006**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons				
TRH C6-C9	20	mg/kg	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20

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Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe28005**	**S22-Fe28006**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons				
TRH >C10-C16	50	mg/kg	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100
BTEX				
Benzene	0.1	mg/kg	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	104	91
Volatile Organics				
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5

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Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe28005**	**S22-Fe28006**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit		
Volatile Organics				
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	104	91
Toluene-d8 (surr.)	1	%	75	122
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	114
p-Terphenyl-d14 (surr.)	1	%	116	126

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Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Fe28005	S22-Fe28006
Date Sampled			Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit		
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	141	138
Tetrachloro-m-xylene (surr.)	1	%	114	126
Organophosphorus Pesticides				
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2

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Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Fe28005	S22-Fe28006
Date Sampled			Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit		
Organophosphorus Pesticides				
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	134	131
Semivolatile Organics				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	124	114
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	69	67
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1

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Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Fe28005	S22-Fe28006
Date Sampled			Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit		
Semivolatile Organics				
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5

DRAFT

Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Fe28005	S22-Fe28006
Date Sampled			Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit		
Semivolatile Organics				
Fluorene	0.5	mg/kg	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	139	116
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	118	137
Pronamide	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5
Heavy Metals				
Arsenic	2	mg/kg	11	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4
Chromium	5	mg/kg	15	22
Copper	5	mg/kg	20	23
Lead	5	mg/kg	22	20
Mercury	0.1	mg/kg	< 0.1	< 0.1
Nickel	5	mg/kg	12	16
Zinc	5	mg/kg	35	48
% Moisture	1	%	18	16
Perfluoroalkyl carboxylic acids (PFCAs)				
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5
13C4-PFBA (surr.)	1	%	81	87

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Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			Soil	Soil
Eurofins Sample No.			S22-Fe28005	S22-Fe28006
Date Sampled			Feb 15, 2022	Feb 15, 2022
Test/Reference	LOR	Unit		
Perfluoroalkyl carboxylic acids (PFCAs)				
13C5-PFPeA (surr.)	1	%	97	106
13C5-PFHxA (surr.)	1	%	88	93
13C4-PFHpA (surr.)	1	%	86	84
13C8-PFOA (surr.)	1	%	89	95
13C5-PFNA (surr.)	1	%	80	85
13C6-PFDA (surr.)	1	%	89	90
13C2-PFUnDA (surr.)	1	%	91	88
13C2-PFDoDA (surr.)	1	%	87	89
13C2-PFTeDA (surr.)	1	%	82	86
Perfluoroalkyl sulfonamido substances				
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)[N11]	5	ug/kg	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)[N11]	5	ug/kg	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10
13C8-FOSA (surr.)	1	%	78	81
D3-N-MeFOSA (surr.)	1	%	74	78
D5-N-EtFOSA (surr.)	1	%	76	84
D7-N-MeFOSE (surr.)	1	%	75	80
D9-N-EtFOSE (surr.)	1	%	78	83
D5-N-EtFOSAA (surr.)	1	%	72	68
D3-N-MeFOSAA (surr.)	1	%	78	70
Perfluoroalkyl sulfonic acids (PFSAs)				
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5
13C3-PFBS (surr.)	1	%	91	90
18O2-PFHxS (surr.)	1	%	87	95
13C8-PFOS (surr.)	1	%	84	85
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)[N11]	10	ug/kg	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	96	87
13C2-6:2 FTSA (surr.)	1	%	82	82

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Client Sample ID			IA_IB_TP26_0.1	IA_IB_TP26_0.4
Sample Matrix			**Soil**	**Soil**
Eurofins Sample No.			**S22-Fe28005**	**S22-Fe28006**
Date Sampled			**Feb 15, 2022**	**Feb 15, 2022**
Test/Reference	LOR	Unit		
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				
13C2-8:2 FTSA (surr.)	1	%	87	92
13C2-10:2 FTSA (surr.)	1	%	89	91
PFASs Summations				
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Feb 16, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Feb 16, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Feb 16, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Feb 16, 2022	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Polycyclic Aromatic Hydrocarbons	Sydney	Feb 16, 2022	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Feb 16, 2022	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Feb 16, 2022	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8	Sydney	Feb 16, 2022	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Feb 16, 2022	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Feb 16, 2022	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
% Moisture	Sydney	Feb 16, 2022	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Sydney	Feb 16, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Sydney	Feb 16, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Sydney	Feb 16, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Sydney	Feb 16, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
PFASs Summations	Sydney	Feb 16, 2022	
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: WPCA-BCC
Project ID: 0571466

Order No.:
Report #: 863497
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Feb 15, 2022 3:06 PM
Due: Feb 16, 2022
Priority: Overnight
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**						
1	IA_IB_TP01_0.1	Feb 15, 2022		Soil	S22-Fe27848	X		X	X	X	X
2	IA_IB_TP01_0.5	Feb 15, 2022		Soil	S22-Fe27849			X	X	X	X
3	IA_IB_TP07_0.1	Feb 15, 2022		Soil	S22-Fe27850	X		X	X	X	X
4	IA_IB_TP07_0.4	Feb 15, 2022		Soil	S22-Fe27851			X	X	X	X
5	IA_IB_TP08_0.1	Feb 15, 2022		Soil	S22-Fe27852	X		X	X	X	X
6	IA_IB_TP08_0	Feb 15, 2022		Soil	S22-Fe27853			X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.5										
7	IA_IB_TP14_0.1	Feb 15, 2022		Soil	S22-Fe27854	X		X	X	X	X
8	IA_IB_TP14_0.5	Feb 15, 2022		Soil	S22-Fe27855			X	X	X	X
9	IA_IB_TP19_0.1	Feb 15, 2022		Soil	S22-Fe27856	X		X	X	X	X
10	IA_IB_TP19_0.5	Feb 15, 2022		Soil	S22-Fe27857			X	X	X	X
11	IA_IB_TP21_0.1	Feb 15, 2022		Soil	S22-Fe27858	X		X	X	X	X
12	IA_IB_TP21_0.3	Feb 15, 2022		Soil	S22-Fe27859			X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
13	IA_IB_TP22_0.1	Feb 15, 2022		Soil	S22-Fe27860	X		X	X	X	X
14	IA_IB_TP22_0.4	Feb 15, 2022		Soil	S22-Fe27861			X	X	X	X
15	IA_IB_TP23_0.1	Feb 15, 2022		Soil	S22-Fe27862	X		X	X	X	X
16	IA_IB_TP23_0.3	Feb 15, 2022		Soil	S22-Fe27863			X	X	X	X
17	IA_IB_TP24_0.1	Feb 15, 2022		Soil	S22-Fe27864	X		X	X	X	X
18	IA_IB_TP24_0.4	Feb 15, 2022		Soil	S22-Fe27865			X	X	X	X
19	IA_IB_TP25_0	Feb 15, 2022		Soil	S22-Fe27866		X				

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Company Name: ERM Sydney
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NSW 2000

Project Name: WPCA-BCC
Project ID: 0571466

Order No.:
Report #: 863497
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Feb 15, 2022 3:06 PM
Due: Feb 16, 2022
Priority: Overnight
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : John Nguyen

Sample Detail						Asbestos - AS4964	CANCELLED	Moisture Set	Eurofins Suite B10	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.1										
20	IA_IB_TP25_0.4	Feb 15, 2022		Soil	S22-Fe27867		X				
21	IA_IB_TP29_0.1	Feb 15, 2022		Soil	S22-Fe27868	X		X	X	X	X
22	IA_IB_TP29_0.4	Feb 15, 2022		Soil	S22-Fe27869			X	X	X	X
23	IA_IB_TP28_0.1	Feb 15, 2022		Soil	S22-Fe27870	X		X	X	X	X
24	IA_IB_TP28_0.3	Feb 15, 2022		Soil	S22-Fe27871			X	X	X	X
25	IA_IB_TP27_0.1	Feb 15, 2022		Soil	S22-Fe27872	X		X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
26	IA_IB_TP27_0.3	Feb 15, 2022		Soil	S22-Fe27873			X	X	X	X
27	IA_IB_TP30_0.1	Feb 15, 2022		Soil	S22-Fe27874	X		X	X	X	X
28	IA_IB_TP30_0.3	Feb 15, 2022		Soil	S22-Fe27875			X	X	X	X
29	IA_IB_TP33_0.1	Feb 15, 2022		Soil	S22-Fe27876	X		X	X	X	X
30	IA_IB_TP33_0.4	Feb 15, 2022		Soil	S22-Fe27877			X	X	X	X
31	IA_IB_TP34_0.1	Feb 15, 2022		Soil	S22-Fe27878	X		X	X	X	X
32	IA_IB_TP34_0	Feb 15, 2022		Soil	S22-Fe27879			X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.4										
33	IA_IB_TP35_0.1	Feb 15, 2022		Soil	S22-Fe27880	X		X	X	X	X
34	IA_IB_TP35_0.4	Feb 15, 2022		Soil	S22-Fe27881			X	X	X	X
35	IA_IB_TP36_0.1	Feb 15, 2022		Soil	S22-Fe27882	X		X	X	X	X
36	IA_IB_TP36_0.3	Feb 15, 2022		Soil	S22-Fe27883			X	X	X	X
37	IA_IB_TP39_0.1	Feb 15, 2022		Soil	S22-Fe27884	X		X	X	X	X
38	IA_IB_TP39_0.3	Feb 15, 2022		Soil	S22-Fe27885			X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
39	IA_IB_TP40_0.05	Feb 15, 2022		Soil	S22-Fe27886	X		X	X	X	X
40	IA_IB_TP40_0.3	Feb 15, 2022		Soil	S22-Fe27887			X	X	X	X
41	IA_IB_TP41_0.1	Feb 15, 2022		Soil	S22-Fe27888	X		X	X	X	X
42	IA_IB_TP41_0.4	Feb 15, 2022		Soil	S22-Fe27889			X	X	X	X
43	IA_IB_TP46_0.1	Feb 15, 2022		Soil	S22-Fe27890	X		X	X	X	X
44	IA_IB_TP46_0.5	Feb 15, 2022		Soil	S22-Fe27891			X	X	X	X
45	IA_IB_TP38_0	Feb 15, 2022		Soil	S22-Fe27892	X		X	X	X	X

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X
Brisbane Laboratory - NATA # 1261 Site # 20794											
Mayfield Laboratory - NATA # 1261 Site # 25079											
Perth Laboratory - NATA # 2377 Site # 2370											
External Laboratory											
	.1										
46	IA_IB_TP38_0.4	Feb 15, 2022		Soil	S22-Fe27893			X	X	X	X
47	IA_IB_TP26_0.1	Feb 15, 2022		Soil	S22-Fe28005	X		X	X	X	X
48	IA_IB_TP26_0.4	Feb 15, 2022		Soil	S22-Fe28006			X	X	X	X
Test Counts						23	2	46	46	46	46

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Benzene	mg/kg	< 0.1			0.1	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloroform	mg/kg	< 0.5			0.5	Pass	
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	85			70-130	Pass	
TRH C10-C14	%	92			70-130	Pass	
Naphthalene	%	80			70-130	Pass	
TRH C6-C10	%	82			70-130	Pass	
TRH >C10-C16	%	92			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	98			70-130	Pass	
Toluene	%	84			70-130	Pass	
Ethylbenzene	%	79			70-130	Pass	
m&p-Xylenes	%	78			70-130	Pass	
o-Xylene	%	88			70-130	Pass	
Xylenes - Total*	%	82			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	71			70-130	Pass	
1.1.1-Trichloroethane	%	88			70-130	Pass	
1.2-Dichlorobenzene	%	106			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	109			70-130	Pass	
Benzene	%	109			70-130	Pass	
Ethylbenzene	%	104			70-130	Pass	
m&p-Xylenes	%	104			70-130	Pass	
o-Xylene	%	103			70-130	Pass	
Toluene	%	101			70-130	Pass	
Trichloroethene	%	89			70-130	Pass	
Xylenes - Total*	%	104			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	85			70-130	Pass	
Acenaphthylene	%	101			70-130	Pass	
Anthracene	%	95			70-130	Pass	
Benz(a)anthracene	%	85			70-130	Pass	
Benzo(a)pyrene	%	92			70-130	Pass	
Benzo(b&j)fluoranthene	%	81			70-130	Pass	
Benzo(g.h.i)perylene	%	84			70-130	Pass	
Benzo(k)fluoranthene	%	91			70-130	Pass	
Chrysene	%	89			70-130	Pass	
Dibenz(a.h)anthracene	%	87			70-130	Pass	
Fluoranthene	%	89			70-130	Pass	
Fluorene	%	88			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	87			70-130	Pass	
Naphthalene	%	90			70-130	Pass	
Phenanthrene	%	86			70-130	Pass	
Pyrene	%	88			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	89			70-130	Pass	
4.4'-DDD	%	81			70-130	Pass	
4.4'-DDE	%	87			70-130	Pass	
4.4'-DDT	%	93			70-130	Pass	
a-HCH	%	83			70-130	Pass	
Aldrin	%	85			70-130	Pass	
b-HCH	%	91			70-130	Pass	
d-HCH	%	88			70-130	Pass	
Dieldrin	%	96			70-130	Pass	
Endosulfan I	%	87			70-130	Pass	
Endosulfan II	%	90			70-130	Pass	
Endosulfan sulphate	%	80			70-130	Pass	
Endrin	%	113			70-130	Pass	
Endrin aldehyde	%	78			70-130	Pass	
Endrin ketone	%	85			70-130	Pass	
g-HCH (Lindane)	%	91			70-130	Pass	
Heptachlor	%	106			70-130	Pass	
Heptachlor epoxide	%	87			70-130	Pass	
Hexachlorobenzene	%	91			70-130	Pass	
Methoxychlor	%	94			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	91			70-130	Pass	
Dimethoate	%	116			70-130	Pass	
Ethion	%	108			70-130	Pass	
Fenitrothion	%	106			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	%	121			70-130	Pass	
Mevinphos	%	105			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	72			25-140	Pass	
1.2.4-Trichlorobenzene	%	84			70-130	Pass	
1.4-Dichlorobenzene	%	85			70-130	Pass	
2-Chlorophenol	%	99			25-140	Pass	
2-Methylphenol (o-Cresol)	%	101			25-140	Pass	
2-Nitrophenol	%	120			25-140	Pass	
2.4-Dichlorophenol	%	95			25-140	Pass	
2.4-Dimethylphenol	%	100			25-140	Pass	
2.4-Dinitrotoluene	%	115			70-130	Pass	
2.4.5-Trichlorophenol	%	92			25-140	Pass	
2.4.6-Trichlorophenol	%	91			25-140	Pass	
2.6-Dichlorophenol	%	98			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	105			25-140	Pass	
4-Chloro-3-methylphenol	%	102			25-140	Pass	
4-Nitrophenol	%	86			25-140	Pass	
Acenaphthene	%	107			70-130	Pass	
Acenaphthylene	%	114			70-130	Pass	
Anthracene	%	119			70-130	Pass	
Benz(a)anthracene	%	110			70-130	Pass	
Benzo(a)pyrene	%	116			70-130	Pass	
Benzo(b&j)fluoranthene	%	105			70-130	Pass	
Benzo(g.h.i)perylene	%	106			70-130	Pass	
Benzo(k)fluoranthene	%	116			70-130	Pass	
Chrysene	%	105			70-130	Pass	
Dibenz(a.h)anthracene	%	111			70-130	Pass	
Endrin aldehyde	%	78			70-130	Pass	
Fluoranthene	%	120			70-130	Pass	
Fluorene	%	113			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	111			70-130	Pass	
N-Nitrosodipropylamine	%	96			70-130	Pass	
Naphthalene	%	110			70-130	Pass	
Pentachlorophenol	%	84			25-140	Pass	
Phenanthrene	%	114			70-130	Pass	
Phenol	%	107			25-140	Pass	
Pyrene	%	115			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	97			80-120	Pass	
Cadmium	%	104			80-120	Pass	
Chromium	%	102			80-120	Pass	
Copper	%	102			80-120	Pass	
Lead	%	101			80-120	Pass	
Mercury	%	101			80-120	Pass	
Nickel	%	102			80-120	Pass	
Zinc	%	94			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	108			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	109			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	108			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroheptanoic acid (PFHpA)	%	111			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	108			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	110			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	113			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	111			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	113			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	108			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	107			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	104			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	108			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	106			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	%	107			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	%	103			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	111			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	109			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	95			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	98			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	105			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	93			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	106			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	100			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	102			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	98			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	107			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	%	109			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	112			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	108			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	N22-Fe10741	NCP	%	81			70-130	Pass	
TRH C6-C10	N22-Fe10741	NCP	%	84			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S22-Fe20929	NCP	%	85			70-130	Pass	
Pyrene	S22-Fe20929	NCP	%	84			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Chlorophenol	S22-Fe20929	NCP	%	85			30-130	Pass	
4-Chloro-3-methylphenol	S22-Fe20929	NCP	%	86			30-130	Pass	
4-Nitrophenol	S22-Fe20929	NCP	%	82			30-130	Pass	
Phenol	S22-Fe20929	NCP	%	81			30-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S22-Fe27849	CP	%	88			70-130	Pass	
Naphthalene	S22-Fe27849	CP	%	81			70-130	Pass	
TRH >C10-C16	S22-Fe27849	CP	%	88			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
BTEX				Result 1					
Benzene	S22-Fe27849	CP	%	116			70-130	Pass	
Toluene	S22-Fe27849	CP	%	95			70-130	Pass	
Ethylbenzene	S22-Fe27849	CP	%	87			70-130	Pass	
m&p-Xylenes	S22-Fe27849	CP	%	87			70-130	Pass	
o-Xylene	S22-Fe27849	CP	%	96			70-130	Pass	
Xylenes - Total*	S22-Fe27849	CP	%	90			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S22-Fe27849	CP	%	92			70-130	Pass	
1.1.1-Trichloroethane	S22-Fe27849	CP	%	93			70-130	Pass	
1.2-Dichlorobenzene	S22-Fe27849	CP	%	98			70-130	Pass	
1.2-Dichloroethane	S22-Fe27849	CP	%	105			70-130	Pass	
Trichloroethene	S22-Fe27849	CP	%	90			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S22-Fe27849	CP	%	103			75-125	Pass	
Cadmium	S22-Fe27849	CP	%	106			75-125	Pass	
Chromium	S22-Fe27849	CP	%	102			75-125	Pass	
Copper	S22-Fe27849	CP	%	105			75-125	Pass	
Lead	S22-Fe27849	CP	%	110			75-125	Pass	
Mercury	S22-Fe27849	CP	%	106			75-125	Pass	
Nickel	S22-Fe27849	CP	%	101			75-125	Pass	
Zinc	S22-Fe27849	CP	%	97			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Fe27849	CP	%	107			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27849	CP	%	108			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27849	CP	%	111			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27849	CP	%	109			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27849	CP	%	111			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27849	CP	%	113			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27849	CP	%	111			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27849	CP	%	118			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27849	CP	%	109			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27849	CP	%	104			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27849	CP	%	111			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Fe27849	CP	%	99			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27849	CP	%	114			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27849	CP	%	107			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27849	CP	%	107			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27849	CP	%	104			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27849	CP	%	107			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27849	CP	%	109			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27849	CP	%	91			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27849	CP	%	110			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27849	CP	%	97			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27849	CP	%	90			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27849	CP	%	101			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27849	CP	%	98			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27849	CP	%	113			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27849	CP	%	96			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27849	CP	%	99			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27849	CP	%	104			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27849	CP	%	104			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27849	CP	%	103			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S22-Fe27859	CP	%	91			75-125	Pass	
Cadmium	S22-Fe27859	CP	%	96			75-125	Pass	
Chromium	S22-Fe27859	CP	%	97			75-125	Pass	
Copper	S22-Fe27859	CP	%	90			75-125	Pass	
Lead	S22-Fe27859	CP	%	94			75-125	Pass	
Mercury	S22-Fe27859	CP	%	86			75-125	Pass	
Nickel	S22-Fe27859	CP	%	89			75-125	Pass	
Zinc	S22-Fe27859	CP	%	95			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S22-Fe27861	CP	%	82			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S22-Fe27861	CP	%	96			70-130	Pass	
Toluene	S22-Fe27861	CP	%	100			70-130	Pass	
Ethylbenzene	S22-Fe27861	CP	%	95			70-130	Pass	
m&p-Xylenes	S22-Fe27861	CP	%	107			70-130	Pass	
o-Xylene	S22-Fe27861	CP	%	98			70-130	Pass	
Xylenes - Total*	S22-Fe27861	CP	%	104			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Fe27871	CP	%	109			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27871	CP	%	110			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanoic acid (PFHxA)	S22-Fe27871	CP	%	114			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27871	CP	%	109			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27871	CP	%	115			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27871	CP	%	112			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27871	CP	%	113			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27871	CP	%	113			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27871	CP	%	123			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27871	CP	%	110			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27871	CP	%	116			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Fe27871	CP	%	110			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27871	CP	%	114			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27871	CP	%	111			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27871	CP	%	106			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27871	CP	%	108			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27871	CP	%	110			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27871	CP	%	119			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27871	CP	%	95			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27871	CP	%	105			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27871	CP	%	99			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27871	CP	%	90			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27871	CP	%	104			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27871	CP	%	103			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27871	CP	%	106			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27871	CP	%	102			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27871	CP	%	106			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27871	CP	%	111			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27871	CP	%	115			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27871	CP	%	106			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorobutanoic acid (PFBA)	S22-Fe27881	CP	%	105			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27881	CP	%	106			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27881	CP	%	108			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27881	CP	%	112			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27881	CP	%	109			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27881	CP	%	104			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27881	CP	%	104			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27881	CP	%	111			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27881	CP	%	113			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27881	CP	%	110			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27881	CP	%	103			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Fe27881	CP	%	104			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27881	CP	%	104			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27881	CP	%	106			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27881	CP	%	105			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27881	CP	%	105			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27881	CP	%	110			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27881	CP	%	103			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27881	CP	%	96			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27881	CP	%	93			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27881	CP	%	102			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27881	CP	%	94			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27881	CP	%	101			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27881	CP	%	97			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27881	CP	%	99			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27881	CP	%	97			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27881	CP	%	95			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27881	CP	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27881	CP	%	106			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27881	CP	%	97			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S22-Fe27890	CP	%	77			70-130	Pass	
TRH >C10-C16	S22-Fe27890	CP	%	76			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S22-Fe27891	CP	%	97			75-125	Pass	
Cadmium	S22-Fe27891	CP	%	102			75-125	Pass	
Chromium	S22-Fe27891	CP	%	88			75-125	Pass	
Copper	S22-Fe27891	CP	%	85			75-125	Pass	
Lead	S22-Fe27891	CP	%	93			75-125	Pass	
Mercury	S22-Fe27891	CP	%	99			75-125	Pass	
Nickel	S22-Fe27891	CP	%	88			75-125	Pass	
Zinc	S22-Fe27891	CP	%	82			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Fe27891	CP	%	114			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27891	CP	%	118			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27891	CP	%	117			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27891	CP	%	116			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27891	CP	%	116			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27891	CP	%	118			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27891	CP	%	118			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27891	CP	%	130			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27891	CP	%	127			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27891	CP	%	126			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27891	CP	%	117			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Fe27891	CP	%	112			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27891	CP	%	120			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27891	CP	%	120			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27891	CP	%	109			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27891	CP	%	118			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27891	CP	%	119			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27891	CP	%	117			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27891	CP	%	104			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27891	CP	%	108			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27891	CP	%	110			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27891	CP	%	99			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27891	CP	%	115			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27891	CP	%	109			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27891	CP	%	106			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27891	CP	%	108			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27891	CP	%	106			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27891	CP	%	107			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27891	CP	%	121			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27891	CP	%	117			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Fe27848	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S22-Fe27848	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Fe27848	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S22-Fe27848	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S22-Fe27848	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S22-Fe27848	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S22-Fe27848	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Allyl chloride	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Fe27848	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
d-HCH	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S22-Fe27848	CP	mg/kg	0.09	0.07	21	30%	Pass	
Endosulfan I	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S22-Fe27848	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S22-Fe27848	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S22-Fe27848	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S22-Fe27848	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S22-Fe27848	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S22-Fe27848	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S22-Fe27848	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S22-Fe27848	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S22-Fe27848	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S22-Fe27848	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Diethyl phthalate	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S22-Fe27848	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S22-Fe27848	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Fe27848	CP	mg/kg	4.4	5.0	12	30%	Pass	
Cadmium	S22-Fe27848	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Fe27848	CP	mg/kg	10	11	11	30%	Pass	
Copper	S22-Fe27848	CP	mg/kg	13	15	16	30%	Pass	
Lead	S22-Fe27848	CP	mg/kg	17	21	20	30%	Pass	
Mercury	S22-Fe27848	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Fe27848	CP	mg/kg	6.8	7.9	14	30%	Pass	
Zinc	S22-Fe27848	CP	mg/kg	48	58	20	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Fe27848	CP	%	24	25	4.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27848	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27848	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27848	CP	ug/kg	5.7	5.6	2.0	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27848	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27848	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S22-Fe27858	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S22-Fe27858	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S22-Fe27858	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S22-Fe27858	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S22-Fe27858	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S22-Fe27858	CP	mg/kg	< 100	< 100	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Fe27858	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S22-Fe27858	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S22-Fe27858	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Ethion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S22-Fe27858	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S22-Fe27858	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S22-Fe27858	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S22-Fe27858	CP	mg/kg	< 1	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S22-Fe27858	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S22-Fe27858	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S22-Fe27858	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
3.3'-Dichlorobenzidine	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S22-Fe27858	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S22-Fe27858	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S22-Fe27858	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S22-Fe27858	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Fe27858	CP	mg/kg	13	14	6.0	30%	Pass	
Cadmium	S22-Fe27858	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Fe27858	CP	mg/kg	20	22	11	30%	Pass	
Copper	S22-Fe27858	CP	mg/kg	18	20	8.0	30%	Pass	
Lead	S22-Fe27858	CP	mg/kg	25	24	2.0	30%	Pass	
Mercury	S22-Fe27858	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Fe27858	CP	mg/kg	10	12	14	30%	Pass	
Zinc	S22-Fe27858	CP	mg/kg	31	34	10	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Fe27858	CP	%	14	15	7.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27858	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27858	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27858	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27858	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Fe27870	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S22-Fe27870	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Fe27870	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S22-Fe27870	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S22-Fe27870	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S22-Fe27870	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S22-Fe27870	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S22-Fe27870	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Bromoform	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S22-Fe27870	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Fe27870	CP	mg/kg	12	11	7.0	30%	Pass	
Cadmium	S22-Fe27870	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Fe27870	CP	mg/kg	19	18	4.0	30%	Pass	
Copper	S22-Fe27870	CP	mg/kg	25	26	4.0	30%	Pass	
Lead	S22-Fe27870	CP	mg/kg	21	19	10	30%	Pass	
Mercury	S22-Fe27870	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Fe27870	CP	mg/kg	16	15	8.0	30%	Pass	
Zinc	S22-Fe27870	CP	mg/kg	62	57	8.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Fe27870	CP	%	13	16	24	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27870	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27870	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27870	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27870	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Fe27880	CP	mg/kg	11	12	5.0	30%	Pass	
Cadmium	S22-Fe27880	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Fe27880	CP	mg/kg	25	30	18	30%	Pass	
Copper	S22-Fe27880	CP	mg/kg	22	23	6.0	30%	Pass	
Lead	S22-Fe27880	CP	mg/kg	28	31	13	30%	Pass	
Mercury	S22-Fe27880	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Fe27880	CP	mg/kg	18	20	10	30%	Pass	
Zinc	S22-Fe27880	CP	mg/kg	46	50	8.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Fe27880	CP	%	21	21	2.0	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27880	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27880	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27880	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27880	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Fe27890	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S22-Fe27890	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S22-Fe27890	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Ethion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S22-Fe27890	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S22-Fe27890	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S22-Fe27890	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S22-Fe27890	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S22-Fe27890	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dinitrotoluene	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S22-Fe27890	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S22-Fe27890	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Acetophenone	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S22-Fe27890	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S22-Fe27890	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S22-Fe27890	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Fe27890	CP	mg/kg	5.7	5.9	4.0	30%	Pass	
Cadmium	S22-Fe27890	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Fe27890	CP	mg/kg	14	15	6.0	30%	Pass	
Copper	S22-Fe27890	CP	mg/kg	17	18	4.0	30%	Pass	
Lead	S22-Fe27890	CP	mg/kg	24	24	1.0	30%	Pass	
Mercury	S22-Fe27890	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Fe27890	CP	mg/kg	14	14	1.0	30%	Pass	
Zinc	S22-Fe27890	CP	mg/kg	48	49	1.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Fe27890	CP	%	11	11	2.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol (N-EtFOSE)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Fe27890	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Fe27890	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorooctanesulfonic acid (PFOS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	S22-Fe27890	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Fe27890	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S22-Fe28006	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S22-Fe28006	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S22-Fe28006	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S22-Fe28006	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S22-Fe28006	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S22-Fe28006	CP	mg/kg	< 100	< 100	<1	30%	Pass	

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).

Authorised by:

John Nguyen	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
Andrew Sullivan	Senior Analyst-PFAS (NSW)
John Nguyen	Senior Analyst-Metal (NSW)
Roopesh Rangarajan	Senior Analyst-Volatile (NSW)

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
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☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen				
Handed over by	Jack Emblen				
Email for Invoice	Nicholas Grbich				
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com				

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary.)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEXN	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	AI_TP128_0.1	16.06.2022	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	AI_TP128_0.3		S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	AI_TP129_0.1		S	X											
4	AI_TP129_0.3		S		X										
5	AI_TP130_0.1		S	X											
6	AI_TP130_0.3		S		X										
7	AI_TP131_0.1		S	X											
8	AI_TP131_0.3		S		X										
9	AI_TP36_0.1		S	X											
10	AI_TP36_0.3		S		X										
	Total Counts														

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature		Date	17.06.22	Time	09:00
Laboratory Use Only	Received By	RPhillips	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	17/6/22	Time	4:33pm	Temperature	0.6°C
	Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date		Time		Report №	#898923

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☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are requested, please specify "total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEXN	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	AI_TP153_0.1	16.06.22	S	X											*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	AI_TP153_0.3		S		X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	AI_TP159_0.3		S	X											
4	AI_TP256_0.1		S	X											
5	AI_TP256_0.3		S		X										
6	AI_TP257_0.1		S	X											
7	AI_TP257_0.3		S		X										
8	AI_TP258_0.1		S	X											
9	AI_TP258_0.3		S		X										
10	AI_TP259_0.1		S	X											
	Total Counts														

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature	Date / Time / Sample Comments

Laboratory Use Only									
	Received By	RP	SYD BNE MEL PER ADL NTL DRW	Signature		Date		Time	Temperature
	Received By		SYD BNE MEL PER ADL NTL DRW	Signature		Date		Time	Report №

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEXN	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	AI_TP259_0.3	16.06.22	S		X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	AI_TP260_0.1		S	X											**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	AI-TP260_0.3		S		X										
4	AI_TP262_0.1		S	X											
5	AI_TP262_0.3		S		X										
6	AI_TP303_0.1		S	X											
7	AI_TP303_0.3		S		X										
8	AI_TP305_0.1		S	X											
9	AI_TP305_0.3		S		X										
10	AI_TP315_0.1		S	X											
	AI_TP315_0.3	Total Counts	5												

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal | Name: JACK EMBLEN | Signature | Date | Time

Laboratory Use Only

Received By	RP	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	Date	Time	Report №	

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EESD09_R10 Modified by Dr R Symons Reviewed by G Jackson Approved on 8 August 2019

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IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	BRADFIELD CITY CENTRE
Project ID:	0571466
Turnaround time:	3 Day
Date/Time received	Jun 17, 2022 4:23 PM
Eurofins reference	898926

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

No PFAS container received for A1_TP36_0.1, no Asbestos bag received for A1_TP159_0.3, please advise if subsampling is appropriate or respective analysis will be cancelled.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Emma Beesley on phone : or by email: EmmaBeesley@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	A1_TP128_0.1	Jun 16, 2022		Soil	S22-Jn0043581	X	X	X	X		X	X	
2	A1_TP128_0.3	Jun 16, 2022		Soil	S22-Jn0043582		X	X	X		X	X	
3	A1_TP129_0.1	Jun 16, 2022		Soil	S22-Jn0043583	X	X	X	X		X	X	
4	A1_TP129_0.3	Jun 16, 2022		Soil	S22-Jn0043584		X	X	X		X	X	
5	A1_TP130_0.1	Jun 16, 2022		Soil	S22-Jn0043585	X	X	X	X		X	X	
6	A1_TP130_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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email: EnviroSales@eurofins.com

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Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043586								
7	A1_TP131_0.1	Jun 16, 2022		Soil	S22-Jn0043587	X	X	X	X		X	X	
8	A1_TP131_0.3	Jun 16, 2022		Soil	S22-Jn0043588		X	X	X		X	X	
9	A1_TP36_0.1	Jun 16, 2022		Soil	S22-Jn0043589	X	X	X	X		X		
10	A1_TP36_0.3	Jun 16, 2022		Soil	S22-Jn0043590		X	X	X		X	X	
11	A1_TP153_0.1	Jun 16, 2022		Soil	S22-Jn0043591	X	X	X	X		X	X	
12	A1_TP153_0.3	Jun 16, 2022		Soil	S22-Jn0043592		X	X	X		X	X	

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eurofins | Environment Testing

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email: EnviroSales@eurofins.com

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NATA # 1261 Site # 25079

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NATA # 2377 Site # 2370

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IANZ # 1327

Christchurch
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Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
13	A1_TP159_0.3	Jun 16, 2022		Soil	S22-Jn0043593		X	X	X		X	X	
14	A1_TP256_0.1	Jun 16, 2022		Soil	S22-Jn0043594	X	X	X	X		X	X	
15	A1_TP256_0.3	Jun 16, 2022		Soil	S22-Jn0043595		X	X	X		X	X	
16	A1_TP257_0.1	Jun 16, 2022		Soil	S22-Jn0043596	X	X	X	X		X	X	
17	A1_TP257_0.3	Jun 16, 2022		Soil	S22-Jn0043597		X	X	X		X	X	
18	A1_TP258_0.1	Jun 16, 2022		Soil	S22-Jn0043598	X	X	X	X		X	X	
19	A1_TP258_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043599								
20	A1_TP259_0.1	Jun 16, 2022		Soil	S22-Jn0043600	X	X	X	X		X	X	
21	A1_TP259_0.3	Jun 16, 2022		Soil	S22-Jn0043601		X	X	X		X	X	
22	A1_TP260_0.1	Jun 16, 2022		Soil	S22-Jn0043602	X	X	X	X		X	X	
23	A1_TP260_0.3	Jun 16, 2022		Soil	S22-Jn0043603		X	X	X		X	X	
24	A1_TP262_0.1	Jun 16, 2022		Soil	S22-Jn0043604	X	X	X	X		X	X	
25	A1_TP262_0.3	Jun 16, 2022		Soil	S22-Jn0043605		X	X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
26	A1_TP303_0.1	Jun 16, 2022		Soil	S22-Jn0043606	X	X	X	X		X	X	
27	A1_TP303_0.3	Jun 16, 2022		Soil	S22-Jn0043607		X	X	X		X	X	
28	A1_TP305_0.1	Jun 16, 2022		Soil	S22-Jn0043608	X	X	X	X		X	X	
29	A1_TP305_0.3	Jun 16, 2022		Soil	S22-Jn0043609		X	X	X		X	X	
30	A1_TP315_0.1	Jun 16, 2022		Soil	S22-Jn0043610	X	X	X	X		X	X	
31	A1_TP315_0.3	Jun 16, 2022		Soil	S22-Jn0043611		X	X	X		X	X	
32	TRIP SPIKE	Jun 16, 2022		Water	S22-								X

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043612								
33	TRIP BLANK	Jun 16, 2022		Water	S22-Jn0043613					X			
Test Counts						15	31	31	31	1	31	30	1

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Certificate of Analysis

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

Attention:	Nicholas Grbich
Report	898926-AID
Project Name	BRADFIELD CITY CENTRE
Project ID	0571466
Received Date	Jun 17, 2022
Date Reported	Jun 27, 2022

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Unknown Mineral Fibres	Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity. *NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.*
Subsampling Soil Samples	The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.*
Bonded asbestos-containing material (ACM)	The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004. *NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting	The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

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Project Name BRADFIELD CITY CENTRE
Project ID 0571466
Date Sampled Jun 16, 2022
Report 898926-AID

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
A1_TP128_0.1	22-Jn0043581	Jun 16, 2022	Approximate Sample 125g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP129_0.1	22-Jn0043583	Jun 16, 2022	Approximate Sample 161g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP130_0.1	22-Jn0043585	Jun 16, 2022	Approximate Sample 68g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP131_0.1	22-Jn0043587	Jun 16, 2022	Approximate Sample 172g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP36_0.1	22-Jn0043589	Jun 16, 2022	Approximate Sample 214g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP153_0.1	22-Jn0043591	Jun 16, 2022	Approximate Sample 203g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP256_0.1	22-Jn0043594	Jun 16, 2022	Approximate Sample 178g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP257_0.1	22-Jn0043596	Jun 16, 2022	Approximate Sample 200g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
A1_TP258_0.1	22-Jn0043598	Jun 16, 2022	Approximate Sample 205g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP259_0.1	22-Jn0043600	Jun 16, 2022	Approximate Sample 260g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP260_0.1	22-Jn0043602	Jun 16, 2022	Approximate Sample 196g Sample consisted of: Brown fine-grained clayey soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP262_0.1	22-Jn0043604	Jun 16, 2022	Approximate Sample 186g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP303_0.1	22-Jn0043606	Jun 16, 2022	Approximate Sample 203g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP305_0.1	22-Jn0043608	Jun 16, 2022	Approximate Sample 108g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.
A1_TP315_0.1	22-Jn0043610	Jun 16, 2022	Approximate Sample 131g Sample consisted of: Brown fine-grained clayey soil and rocks	No asbestos detected at the reporting limit of 0.01% w/w. Organic fibre detected. No trace asbestos detected.

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Asbestos - LTM-ASB-8020	Sydney	Jun 20, 2022	Indefinite

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Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	A1_TP128_0.1	Jun 16, 2022		Soil	S22-Jn0043581	X	X	X	X		X	X	
2	A1_TP128_0.3	Jun 16, 2022		Soil	S22-Jn0043582		X	X	X		X	X	
3	A1_TP129_0.1	Jun 16, 2022		Soil	S22-Jn0043583	X	X	X	X		X	X	
4	A1_TP129_0.3	Jun 16, 2022		Soil	S22-Jn0043584		X	X	X		X	X	
5	A1_TP130_0.1	Jun 16, 2022		Soil	S22-Jn0043585	X	X	X	X		X	X	
6	A1_TP130_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043586								
7	A1_TP131_0.1	Jun 16, 2022		Soil	S22-Jn0043587	X	X	X	X		X	X	
8	A1_TP131_0.3	Jun 16, 2022		Soil	S22-Jn0043588		X	X	X		X	X	
9	A1_TP36_0.1	Jun 16, 2022		Soil	S22-Jn0043589	X	X	X	X		X		
10	A1_TP36_0.3	Jun 16, 2022		Soil	S22-Jn0043590		X	X	X		X	X	
11	A1_TP153_0.1	Jun 16, 2022		Soil	S22-Jn0043591	X	X	X	X		X	X	
12	A1_TP153_0.3	Jun 16, 2022		Soil	S22-Jn0043592		X	X	X		X	X	

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Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
13	A1_TP159_0.3	Jun 16, 2022		Soil	S22-Jn0043593		X	X	X		X	X	
14	A1_TP256_0.1	Jun 16, 2022		Soil	S22-Jn0043594	X	X	X	X		X	X	
15	A1_TP256_0.3	Jun 16, 2022		Soil	S22-Jn0043595		X	X	X		X	X	
16	A1_TP257_0.1	Jun 16, 2022		Soil	S22-Jn0043596	X	X	X	X		X	X	
17	A1_TP257_0.3	Jun 16, 2022		Soil	S22-Jn0043597		X	X	X		X	X	
18	A1_TP258_0.1	Jun 16, 2022		Soil	S22-Jn0043598	X	X	X	X		X	X	
19	A1_TP258_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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Company Name: ERM Sydney
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Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043599								
20	A1_TP259_0.1	Jun 16, 2022		Soil	S22-Jn0043600	X	X	X	X		X	X	
21	A1_TP259_0.3	Jun 16, 2022		Soil	S22-Jn0043601		X	X	X		X	X	
22	A1_TP260_0.1	Jun 16, 2022		Soil	S22-Jn0043602	X	X	X	X		X	X	
23	A1_TP260_0.3	Jun 16, 2022		Soil	S22-Jn0043603		X	X	X		X	X	
24	A1_TP262_0.1	Jun 16, 2022		Soil	S22-Jn0043604	X	X	X	X		X	X	
25	A1_TP262_0.3	Jun 16, 2022		Soil	S22-Jn0043605		X	X	X		X	X	

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Project Name: BRADFIELD CITY CENTRE
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Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
26	A1_TP303_0.1	Jun 16, 2022		Soil	S22-Jn0043606	X	X	X	X		X	X	
27	A1_TP303_0.3	Jun 16, 2022		Soil	S22-Jn0043607		X	X	X		X	X	
28	A1_TP305_0.1	Jun 16, 2022		Soil	S22-Jn0043608	X	X	X	X		X	X	
29	A1_TP305_0.3	Jun 16, 2022		Soil	S22-Jn0043609		X	X	X		X	X	
30	A1_TP315_0.1	Jun 16, 2022		Soil	S22-Jn0043610	X	X	X	X		X	X	
31	A1_TP315_0.3	Jun 16, 2022		Soil	S22-Jn0043611		X	X	X		X	X	
32	TRIP SPIKE	Jun 16, 2022		Water	S22-								X

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Contact Name: Nicholas Grbich

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Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043612								
33	TRIP BLANK	Jun 16, 2022		Water	S22-Jn0043613					X			
Test Counts						15	31	31	31	1	31	30	1

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Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. Information identified on this report with the colour **orange** indicates sections of the report not covered by the laboratory's scope of NATA accreditation.
6. This report replaces any interim results previously issued.

Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%asbestos	Estimated percentage of asbestos in a given matrix. May be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**).
ACM	Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g. by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total % w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004.
Dry	Sample is dried by heating prior to analysis.
DS	Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021).
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012).
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004.
PCM	Phase Contrast Microscopy. As used for Fibre Counting according to the MFM.
PLM	Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004.
SMF	Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004.
SRA	Sample Receipt Advice.
Trace Analysis	Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
UMF	Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average % w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Chamath JHM Annakkage	Senior Analyst-Asbestos

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Level 15, 309 Kent St
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NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **898926-S**
Project name BRADFIELD CITY CENTRE
Project ID 0571466
Received Date Jun 17, 2022

Client Sample ID			**A1_TP128_0.1**	**A1_TP128_0.3**	**A1_TP129_0.1**	**A1_TP129_0.3**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S22-Jn0043581**	**S22-Jn0043582**	**S22-Jn0043583**	**S22-Jn0043584**
Date Sampled			**Jun 16, 2022**	**Jun 16, 2022**	**Jun 16, 2022**	**Jun 16, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	121	106	112	125
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP128_0.1	A1_TP128_0.3	A1_TP129_0.1	A1_TP129_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043581	S22-Jn0043582	S22-Jn0043583	S22-Jn0043584
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	121	106	112	125
Toluene-d8 (surr.)	1	%	119	106	113	113

DRAFT

Client Sample ID			A1_TP128_0.1	A1_TP128_0.3	A1_TP129_0.1	A1_TP129_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043581	S22-Jn0043582	S22-Jn0043583	S22-Jn0043584
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	142	110	98	111
p-Terphenyl-d14 (surr.)	1	%	147	113	104	118
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.1	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	142	120	104	118
Tetrachloro-m-xylene (surr.)	1	%	[Q09]INT	121	108	122

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Client Sample ID			A1_TP128_0.1	A1_TP128_0.3	A1_TP129_0.1	A1_TP129_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043581	S22-Jn0043582	S22-Jn0043583	S22-Jn0043584
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	135	120	106	110
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP128_0.1	A1_TP128_0.3	A1_TP129_0.1	A1_TP129_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043581	S22-Jn0043582	S22-Jn0043583	S22-Jn0043584
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	142	110	98	111
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	98	63	67	81
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP128_0.1	A1_TP128_0.3	A1_TP129_0.1	A1_TP129_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043581	S22-Jn0043582	S22-Jn0043583	S22-Jn0043584
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	129	105	89	99
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	101	84	69	84
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP128_0.1	A1_TP128_0.3	A1_TP129_0.1	A1_TP129_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043581	S22-Jn0043582	S22-Jn0043583	S22-Jn0043584
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	5.8	8.5	6.0	6.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	23	20	25
Copper	5	mg/kg	22	26	20	33
Lead	5	mg/kg	28	30	18	23
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	11	13	10	16
Zinc	5	mg/kg	32	40	45	56
% Moisture	1	%	30	23	30	23
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	103	99	98	107
13C5-PFPeA (surr.)	1	%	99	99	99	104
13C5-PFHxA (surr.)	1	%	113	101	101	111
13C4-PFHpA (surr.)	1	%	100	99	98	110
13C8-PFOA (surr.)	1	%	102	98	96	106
13C5-PFNA (surr.)	1	%	113	111	108	119
13C6-PFDA (surr.)	1	%	134	124	140	134
13C2-PFUnDA (surr.)	1	%	125	128	137	138
13C2-PFDoDA (surr.)	1	%	128	121	112	138
13C2-PFTeDA (surr.)	1	%	97	91	93	98
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	95	79	83	95
D3-N-MeFOSA (surr.)	1	%	116	105	111	110
D5-N-EtFOSA (surr.)	1	%	132	118	130	129
D7-N-MeFOSE (surr.)	1	%	86	77	84	84
D9-N-EtFOSE (surr.)	1	%	99	81	84	95
D5-N-EtFOSAA (surr.)	1	%	101	114	97	110
D3-N-MeFOSAA (surr.)	1	%	101	103	87	103

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Client Sample ID			A1_TP128_0.1	A1_TP128_0.3	A1_TP129_0.1	A1_TP129_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043581	S22-Jn0043582	S22-Jn0043583	S22-Jn0043584
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	121	122	125	125
18O2-PFHxS (surr.)	1	%	116	114	112	123
13C8-PFOS (surr.)	1	%	101	100	105	101
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	142	132	106	142
13C2-6:2 FTSA (surr.)	1	%	145	122	117	143
13C2-8:2 FTSA (surr.)	1	%	101	100	94	110
13C2-10:2 FTSA (surr.)	1	%	95	85	90	114
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

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Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	112	101	115	117
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	112	101	115	117
Toluene-d8 (surr.)	1	%	120	109	123	122
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	97	106	109
p-Terphenyl-d14 (surr.)	1	%	111	114	109	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	117	113	106	112
Tetrachloro-m-xylene (surr.)	1	%	114	114	111	116
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	113	105	109	105
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	109	97	106	109
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	58	56	60	71
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	95	89	101	101
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	71	82	78	86
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	9.3	10	9.0	10.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	17	17	21
Copper	5	mg/kg	28	26	24	26
Lead	5	mg/kg	21	12	24	21
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	8.3	13	12
Zinc	5	mg/kg	63	40	47	41
% Moisture	1	%	34	26	27	25
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	88	99	93	95
13C5-PFPeA (surr.)	1	%	93	96	[Q09]INT	93
13C5-PFHxA (surr.)	1	%	104	98	94	96
13C4-PFHpA (surr.)	1	%	92	106	96	103
13C8-PFOA (surr.)	1	%	97	94	91	97
13C5-PFNA (surr.)	1	%	101	90	85	92
13C6-PFDA (surr.)	1	%	125	101	84	92
13C2-PFUnDA (surr.)	1	%	112	92	101	94
13C2-PFDoDA (surr.)	1	%	109	97	90	100
13C2-PFTeDA (surr.)	1	%	90	97	84	93

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Client Sample ID			A1_TP130_0.1	A1_TP130_0.3	A1_TP131_0.1	A1_TP131_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043585	S22-Jn0043586	S22-Jn0043587	S22-Jn0043588
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	84	93	84	85
D3-N-MeFOSA (surr.)	1	%	103	83	80	77
D5-N-EtFOSA (surr.)	1	%	124	89	83	82
D7-N-MeFOSE (surr.)	1	%	80	19	65	112
D9-N-EtFOSE (surr.)	1	%	85	81	84	79
D5-N-EtFOSAA (surr.)	1	%	85	79	78	87
D3-N-MeFOSAA (surr.)	1	%	78	71	77	79
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	118	102	98	97
18O2-PFHxS (surr.)	1	%	111	87	101	95
13C8-PFOS (surr.)	1	%	94	112	100	101
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	92	104	127	130
13C2-6:2 FTSA (surr.)	1	%	118	104	141	135
13C2-8:2 FTSA (surr.)	1	%	84	95	95	97
13C2-10:2 FTSA (surr.)	1	%	87	96	93	102
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	55	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	55	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	95	117	93	98
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	95	117	93	98
Toluene-d8 (surr.)	1	%	101	126	100	104
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	109	103	97
p-Terphenyl-d14 (surr.)	1	%	103	115	106	99
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	102	105	117	101
Tetrachloro-m-xylene (surr.)	1	%	113	119	130	108
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	96	101	109	105
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	109	103	97
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	66	[Q09]INT	84	[Q09]INT
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	98	96	101	107
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	83	81	71	91
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	7.9	17	8.9	10
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	21	41	16	16
Copper	5	mg/kg	15	15	17	16
Lead	5	mg/kg	18	34	25	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	7.9	9.9	13	12
Zinc	5	mg/kg	27	25	42	29
% Moisture	1	%	24	17	29	28
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	-	< 5	< 5	< 5

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	-	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	-	103	92	94
13C5-PFPeA (surr.)	1	%	-	101	88	93
13C5-PFHxA (surr.)	1	%	-	108	93	96
13C4-PFHpA (surr.)	1	%	-	102	95	93
13C8-PFOA (surr.)	1	%	-	94	104	92
13C5-PFNA (surr.)	1	%	-	108	93	87
13C6-PFDA (surr.)	1	%	-	129	86	97
13C2-PFUnDA (surr.)	1	%	-	143	98	96
13C2-PFDoDA (surr.)	1	%	-	121	94	102
13C2-PFTeDA (surr.)	1	%	-	98	89	90
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	-	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	-	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	-	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	-	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	-	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	-	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	-	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	-	98	95	93
D3-N-MeFOSA (surr.)	1	%	-	121	79	82
D5-N-EtFOSA (surr.)	1	%	-	139	89	89
D7-N-MeFOSE (surr.)	1	%	-	90	45	55
D9-N-EtFOSE (surr.)	1	%	-	101	82	83
D5-N-EtFOSAA (surr.)	1	%	-	102	82	78
D3-N-MeFOSAA (surr.)	1	%	-	96	75	73
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	-	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	-	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	-	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	-	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	-	119	91	90
18O2-PFHxS (surr.)	1	%	-	113	99	99
13C8-PFOS (surr.)	1	%	-	106	92	98

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Client Sample ID			A1_TP36_0.1	A1_TP36_0.3	A1_TP153_0.1	A1_TP153_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043589	S22-Jn0043590	S22-Jn0043591	S22-Jn0043592
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	-	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	-	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	-	140	125	123
13C2-6:2 FTSA (surr.)	1	%	-	128	163	114
13C2-8:2 FTSA (surr.)	1	%	-	95	95	93
13C2-10:2 FTSA (surr.)	1	%	-	84	101	104
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	-	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	-	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	-	< 50	< 50	< 50

Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	103	110	106	90

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Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	103	110	106	90
Toluene-d8 (surr.)	1	%	112	113	113	96
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	99	101	92
p-Terphenyl-d14 (surr.)	1	%	110	102	107	95
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	107	114	104	93
Tetrachloro-m-xylene (surr.)	1	%	120	115	110	102
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	112	109	106	94

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Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	99	101	92
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	78	53	58	56
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	120	115	96	93
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	93	82	86	72
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	13	11	19	6.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	34	26	48	16
Copper	5	mg/kg	29	19	21	14
Lead	5	mg/kg	37	26	36	25
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	15	9.2	12	9.4
Zinc	5	mg/kg	52	34	36	32
% Moisture	1	%	28	24	17	28
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	99	94	93	93
13C5-PFPeA (surr.)	1	%	103	88	86	[Q09]INT
13C5-PFHxA (surr.)	1	%	105	95	95	95
13C4-PFHpA (surr.)	1	%	102	95	98	94
13C8-PFOA (surr.)	1	%	106	96	98	85
13C5-PFNA (surr.)	1	%	108	84	83	88
13C6-PFDA (surr.)	1	%	121	95	95	87
13C2-PFUnDA (surr.)	1	%	119	96	89	105
13C2-PFDoDA (surr.)	1	%	121	94	100	91
13C2-PFTeDA (surr.)	1	%	98	93	91	92

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Client Sample ID			A1_TP159_0.3	A1_TP256_0.1	A1_TP256_0.3	A1_TP257_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043593	S22-Jn0043594	S22-Jn0043595	S22-Jn0043596
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	83	90	96	90
D3-N-MeFOSA (surr.)	1	%	99	85	86	80
D5-N-EtFOSA (surr.)	1	%	121	88	85	85
D7-N-MeFOSE (surr.)	1	%	79	33	78	19
D9-N-EtFOSE (surr.)	1	%	86	86	88	81
D5-N-EtFOSAA (surr.)	1	%	97	86	81	70
D3-N-MeFOSAA (surr.)	1	%	83	78	78	64
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	121	93	99	89
18O2-PFHxS (surr.)	1	%	111	93	99	84
13C8-PFOS (surr.)	1	%	109	98	97	90
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	146	104	91	122
13C2-6:2 FTSA (surr.)	1	%	146	91	102	115
13C2-8:2 FTSA (surr.)	1	%	92	93	90	92
13C2-10:2 FTSA (surr.)	1	%	90	100	92	103
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	55
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	68
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	123
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	101	113	112	102
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	101	113	112	102
Toluene-d8 (surr.)	1	%	104	118	109	115
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	101	102	102
p-Terphenyl-d14 (surr.)	1	%	100	103	104	107
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	97	99	100	115
Tetrachloro-m-xylene (surr.)	1	%	113	107	109	113
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	97	102	95	117
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	102	101	102	102
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	[Q09]INT	54	70	63
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	94	98	95	91
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	77	65	83	54
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.4	6.4	4.9	7.7
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	18	16	20
Copper	5	mg/kg	16	17	14	23
Lead	5	mg/kg	21	21	15	30
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	8.9	13	11	12
Zinc	5	mg/kg	19	31	25	43
% Moisture	1	%	19	18	20	36
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	97	91	76	91
13C5-PFPeA (surr.)	1	%	92	88	75	85
13C5-PFHxA (surr.)	1	%	96	97	86	97
13C4-PFHpA (surr.)	1	%	95	93	83	95
13C8-PFOA (surr.)	1	%	88	97	93	96
13C5-PFNA (surr.)	1	%	90	88	78	84
13C6-PFDA (surr.)	1	%	99	89	92	88
13C2-PFUnDA (surr.)	1	%	98	97	99	90
13C2-PFDoDA (surr.)	1	%	97	99	94	94
13C2-PFTeDA (surr.)	1	%	96	90	90	91
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	94	102	90	89
D3-N-MeFOSA (surr.)	1	%	84	81	84	82
D5-N-EtFOSA (surr.)	1	%	88	90	92	81
D7-N-MeFOSE (surr.)	1	%	69	69	89	23
D9-N-EtFOSE (surr.)	1	%	86	85	82	79
D5-N-EtFOSAA (surr.)	1	%	76	87	75	77
D3-N-MeFOSAA (surr.)	1	%	82	73	73	69
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	93	93	89	91
18O2-PFHxS (surr.)	1	%	98	91	90	93
13C8-PFOS (surr.)	1	%	92	91	97	92

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Client Sample ID			A1_TP257_0.3	A1_TP258_0.1	A1_TP258_0.3	A1_TP259_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043597	S22-Jn0043598	S22-Jn0043599	S22-Jn0043600
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	67	99	28	125
13C2-6:2 FTSA (surr.)	1	%	88	107	39	127
13C2-8:2 FTSA (surr.)	1	%	96	92	83	88
13C2-10:2 FTSA (surr.)	1	%	94	110	101	99
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	83	77	93	83

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Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	83	77	93	83
Toluene-d8 (surr.)	1	%	93	76	106	95
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	84	96	115	119
p-Terphenyl-d14 (surr.)	1	%	100	99	120	131
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	97	99	110	111
Tetrachloro-m-xylene (surr.)	1	%	104	108	125	131
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	98	93	110	107

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Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	84	96	115	119
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	63	73	53	68
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 1	< 1	< 1	< 1
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene-d5 (surr.)	1	%	80	102	106	113
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	66	73	107	87
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.5	5.0	13	4.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	17	14	34	14
Copper	5	mg/kg	17	8.1	15	10
Lead	5	mg/kg	18	20	45	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	12	5.3	9.6	9.2
Zinc	5	mg/kg	24	21	25	19
% Moisture	1	%	17	29	26	17
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	99	92	101	107
13C5-PFPeA (surr.)	1	%	101	91	100	107
13C5-PFHxA (surr.)	1	%	104	96	109	115
13C4-PFHpA (surr.)	1	%	98	94	112	105
13C8-PFOA (surr.)	1	%	90	99	100	105
13C5-PFNA (surr.)	1	%	90	82	113	117
13C6-PFDA (surr.)	1	%	108	94	118	141
13C2-PFUnDA (surr.)	1	%	99	91	125	143
13C2-PFDoDA (surr.)	1	%	105	88	115	123
13C2-PFTeDA (surr.)	1	%	94	85	95	105

DRAFT

Client Sample ID			A1_TP259_0.3	A1_TP260_0.1	A1_TP260_0.3	A1_TP262_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043601	S22-Jn0043602	S22-Jn0043603	S22-Jn0043604
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	99	88	93	94
D3-N-MeFOSA (surr.)	1	%	84	80	119	121
D5-N-EtFOSA (surr.)	1	%	94	90	130	142
D7-N-MeFOSE (surr.)	1	%	28	61	84	92
D9-N-EtFOSE (surr.)	1	%	89	81	99	98
D5-N-EtFOSAA (surr.)	1	%	93	80	95	113
D3-N-MeFOSAA (surr.)	1	%	84	73	79	108
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	104	94	122	118
18O2-PFHxS (surr.)	1	%	96	93	110	126
13C8-PFOS (surr.)	1	%	105	88	112	114
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	101	123	133	149
13C2-6:2 FTSA (surr.)	1	%	104	124	109	152
13C2-8:2 FTSA (surr.)	1	%	98	98	94	109
13C2-10:2 FTSA (surr.)	1	%	111	94	88	93
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	99	112	113	83
Volatile Organics						
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	99	112	113	83
Toluene-d8 (surr.)	1	%	111	119	129	94
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	90	102	79	105
p-Terphenyl-d14 (surr.)	1	%	94	135	97	126
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	[Q09]INT	80	139	124
Tetrachloro-m-xylene (surr.)	1	%	100	83	73	100
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	90	139	82	92
Semivolatile Organics						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	90	102	79	105
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	105	52	69	73
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene-d5 (surr.)	1	%	105	124	102	112
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	91	94	93	93
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Heavy Metals						
Arsenic	2	mg/kg	6.5	12	10	13
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	19	20	22	22
Copper	5	mg/kg	17	25	16	18
Lead	5	mg/kg	18	32	31	29
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	10	18	18	11
Zinc	5	mg/kg	21	67	72	56
% Moisture	1	%	18	31	22	26
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	101	95	112	104
13C5-PFPeA (surr.)	1	%	92	[Q09]INT	111	105
13C5-PFHxA (surr.)	1	%	109	98	114	109
13C4-PFHpA (surr.)	1	%	107	92	114	107
13C8-PFOA (surr.)	1	%	100	100	111	101
13C5-PFNA (surr.)	1	%	91	108	120	107
13C6-PFDA (surr.)	1	%	106	113	130	132
13C2-PFUnDA (surr.)	1	%	101	128	141	134
13C2-PFDoDA (surr.)	1	%	102	114	131	119
13C2-PFTeDA (surr.)	1	%	102	93	110	104
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	100	86	92	91
D3-N-MeFOSA (surr.)	1	%	82	118	123	112
D5-N-EtFOSA (surr.)	1	%	91	132	142	137
D7-N-MeFOSE (surr.)	1	%	20	86	92	89
D9-N-EtFOSE (surr.)	1	%	87	95	101	98
D5-N-EtFOSAA (surr.)	1	%	89	91	112	108
D3-N-MeFOSAA (surr.)	1	%	91	71	89	97
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	103	119	122	124
18O2-PFHxS (surr.)	1	%	99	100	113	124
13C8-PFOS (surr.)	1	%	100	102	116	106

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Client Sample ID			A1_TP262_0.3	A1_TP303_0.1	A1_TP303_0.3	A1_TP305_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043605	S22-Jn0043606	S22-Jn0043607	S22-Jn0043608
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit				
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	136	128	130	155
13C2-6:2 FTSA (surr.)	1	%	117	125	117	139
13C2-8:2 FTSA (surr.)	1	%	97	92	108	115
13C2-10:2 FTSA (surr.)	1	%	97	76	94	92
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	20	mg/kg	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100
BTEX					
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	116	143	136

DRAFT

Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Volatile Organics					
1.1-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Propanone (Acetone)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone (MIBK)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Allyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Bromobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromoform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon disulfide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloroform	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Iodomethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methylene Chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Styrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1
trans-1.2-Dichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

DRAFT

Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Volatile Organics					
Trichloroethene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3
Total MAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Vic EPA IWRG 621 Other CHC (Total)*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr.)	1	%	116	143	136
Toluene-d8 (surr.)	1	%	121	105	104
Polycyclic Aromatic Hydrocarbons					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	90	92	100
p-Terphenyl-d14 (surr.)	1	%	121	115	85
Organochlorine Pesticides					
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05

DRAFT

Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Organochlorine Pesticides					
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	120	98	128
Tetrachloro-m-xylene (surr.)	1	%	97	89	98
Organophosphorus Pesticides					
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	137	70	129

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Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Semivolatile Organics					
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5
1-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1
1.2-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.4-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.3.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.2.4.5-Tetrachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.3.5-Trichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	90	92	100
2-Methylnaphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2
2-Naphthylamine	0.5	mg/kg	< 1	< 1	< 1
2-Nitroaniline	1	mg/kg	< 1	< 1	< 1
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1
2-Picoline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.3.4.6-Tetrachlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5
2.4-Dinitrotoluene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.4.6-Tribromophenol (surr.)	1	%	61	65	73
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
2.6-Dinitrotoluene	1	mg/kg	< 1	< 1	< 1
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4
3-Methylcholanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
3.3'-Dichlorobenzidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Aminobiphenyl	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Bromophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1
4-Chlorophenyl phenyl ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5
4.4'-DDD	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDE	0.5	mg/kg	< 0.5	< 0.5	< 0.5
4.4'-DDT	1	mg/kg	< 1	< 1	< 1
7.12-Dimethylbenz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
a-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

DRAFT

Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Semivolatile Organics					
Acetophenone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aniline	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
b-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Benzyl chloride	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroethoxy)methane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-chloroisopropyl)ether	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Bis(2-ethylhexyl)phthalate	5	mg/kg	< 5	< 5	< 5
Butyl benzyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
d-HCH	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-butyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Di-n-octyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenz(a.j)acridine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dibenzofuran	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dieldrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethyl phthalate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Dimethylaminoazobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Diphenylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan I	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan II	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endosulfan sulphate	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin aldehyde	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Endrin ketone	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
g-HCH (Lindane)	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heptachlor epoxide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	1	mg/kg	< 1	< 1	< 1
Hexachloroethane	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Methoxychlor	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodibutylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosodipropylamine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
N-Nitrosopiperidine	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Nitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5

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Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Semivolatile Organics					
Nitrobenzene-d5 (surr.)	1	%	93	100	103
Pentachlorobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachloronitrobenzene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	94	80	99
Pronamide	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Trifluralin	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Heavy Metals					
Arsenic	2	mg/kg	13	5.2	9.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	31	14	21
Copper	5	mg/kg	22	15	23
Lead	5	mg/kg	24	21	26
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	10	19
Zinc	5	mg/kg	40	50	55
% Moisture	1	%	25	29	18
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	103	94	89
13C5-PFPeA (surr.)	1	%	97	91	88
13C5-PFHxA (surr.)	1	%	114	100	95
13C4-PFHpA (surr.)	1	%	106	91	86
13C8-PFOA (surr.)	1	%	105	92	90
13C5-PFNA (surr.)	1	%	112	103	93
13C6-PFDA (surr.)	1	%	126	115	119
13C2-PFUnDA (surr.)	1	%	134	121	126
13C2-PFDoDA (surr.)	1	%	125	112	117
13C2-PFTeDA (surr.)	1	%	93	85	102

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Client Sample ID			A1_TP305_0.3	A1_TP315_0.1	A1_TP315_0.3
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			S22-Jn0043609	S22-Jn0043610	S22-Jn0043611
Date Sampled			Jun 16, 2022	Jun 16, 2022	Jun 16, 2022
Test/Reference	LOR	Unit			
Perfluoroalkyl sulfonamido substances					
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	87	80	96
D3-N-MeFOSA (surr.)	1	%	121	115	118
D5-N-EtFOSA (surr.)	1	%	140	124	145
D7-N-MeFOSE (surr.)	1	%	91	81	94
D9-N-EtFOSE (surr.)	1	%	95	88	99
D5-N-EtFOSAA (surr.)	1	%	96	85	77
D3-N-MeFOSAA (surr.)	1	%	88	75	79
Perfluoroalkyl sulfonic acids (PFSAs)					
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	127	112	121
18O2-PFHxS (surr.)	1	%	119	104	105
13C8-PFOS (surr.)	1	%	117	103	108
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	136	64	36
13C2-6:2 FTSA (surr.)	1	%	128	74	46
13C2-8:2 FTSA (surr.)	1	%	104	84	82
13C2-10:2 FTSA (surr.)	1	%	98	81	91
PFASs Summations					
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Jun 21, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 21, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jun 21, 2022	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 21, 2022	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Jun 21, 2022	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Jun 21, 2022	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Jun 21, 2022	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Jun 21, 2022	14 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
Organochlorine Pesticides	Sydney	Jun 21, 2022	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Jun 21, 2022	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
% Moisture	Sydney	Jun 20, 2022	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jun 23, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jun 23, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jun 23, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jun 23, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	A1_TP128_0.1	Jun 16, 2022		Soil	S22-Jn0043581	X	X	X	X		X	X	
2	A1_TP128_0.3	Jun 16, 2022		Soil	S22-Jn0043582		X	X	X		X	X	
3	A1_TP129_0.1	Jun 16, 2022		Soil	S22-Jn0043583	X	X	X	X		X	X	
4	A1_TP129_0.3	Jun 16, 2022		Soil	S22-Jn0043584		X	X	X		X	X	
5	A1_TP130_0.1	Jun 16, 2022		Soil	S22-Jn0043585	X	X	X	X		X	X	
6	A1_TP130_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043586								
7	A1_TP131_0.1	Jun 16, 2022		Soil	S22-Jn0043587	X	X	X	X		X	X	
8	A1_TP131_0.3	Jun 16, 2022		Soil	S22-Jn0043588		X	X	X		X	X	
9	A1_TP36_0.1	Jun 16, 2022		Soil	S22-Jn0043589	X	X	X	X		X		
10	A1_TP36_0.3	Jun 16, 2022		Soil	S22-Jn0043590		X	X	X		X	X	
11	A1_TP153_0.1	Jun 16, 2022		Soil	S22-Jn0043591	X	X	X	X		X	X	
12	A1_TP153_0.3	Jun 16, 2022		Soil	S22-Jn0043592		X	X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
13	A1_TP159_0.3	Jun 16, 2022		Soil	S22-Jn0043593		X	X	X		X	X	
14	A1_TP256_0.1	Jun 16, 2022		Soil	S22-Jn0043594	X	X	X	X		X	X	
15	A1_TP256_0.3	Jun 16, 2022		Soil	S22-Jn0043595		X	X	X		X	X	
16	A1_TP257_0.1	Jun 16, 2022		Soil	S22-Jn0043596	X	X	X	X		X	X	
17	A1_TP257_0.3	Jun 16, 2022		Soil	S22-Jn0043597		X	X	X		X	X	
18	A1_TP258_0.1	Jun 16, 2022		Soil	S22-Jn0043598	X	X	X	X		X	X	
19	A1_TP258_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043599								
20	A1_TP259_0.1	Jun 16, 2022		Soil	S22-Jn0043600	X	X	X	X		X	X	
21	A1_TP259_0.3	Jun 16, 2022		Soil	S22-Jn0043601		X	X	X		X	X	
22	A1_TP260_0.1	Jun 16, 2022		Soil	S22-Jn0043602	X	X	X	X		X	X	
23	A1_TP260_0.3	Jun 16, 2022		Soil	S22-Jn0043603		X	X	X		X	X	
24	A1_TP262_0.1	Jun 16, 2022		Soil	S22-Jn0043604	X	X	X	X		X	X	
25	A1_TP262_0.3	Jun 16, 2022		Soil	S22-Jn0043605		X	X	X		X	X	

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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
26	A1_TP303_0.1	Jun 16, 2022		Soil	S22-Jn0043606	X	X	X	X		X	X	
27	A1_TP303_0.3	Jun 16, 2022		Soil	S22-Jn0043607		X	X	X		X	X	
28	A1_TP305_0.1	Jun 16, 2022		Soil	S22-Jn0043608	X	X	X	X		X	X	
29	A1_TP305_0.3	Jun 16, 2022		Soil	S22-Jn0043609		X	X	X		X	X	
30	A1_TP315_0.1	Jun 16, 2022		Soil	S22-Jn0043610	X	X	X	X		X	X	
31	A1_TP315_0.3	Jun 16, 2022		Soil	S22-Jn0043611		X	X	X		X	X	
32	TRIP SPIKE	Jun 16, 2022		Water	S22-								X

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Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043612								
33	TRIP BLANK	Jun 16, 2022		Water	S22-Jn0043613					X			
Test Counts						15	31	31	31	1	31	30	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	mg/kg	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dibromoethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloroethane	mg/kg	< 0.5			0.5	Pass	
1.2-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichloropropane	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
2-Butanone (MEK)	mg/kg	< 0.5			0.5	Pass	
2-Propanone (Acetone)	mg/kg	< 0.5			0.5	Pass	
4-Chlorotoluene	mg/kg	< 0.5			0.5	Pass	
4-Methyl-2-pentanone (MIBK)	mg/kg	< 0.5			0.5	Pass	
Allyl chloride	mg/kg	< 0.5			0.5	Pass	
Bromobenzene	mg/kg	< 0.5			0.5	Pass	
Bromochloromethane	mg/kg	< 0.5			0.5	Pass	
Bromodichloromethane	mg/kg	< 0.5			0.5	Pass	
Bromoform	mg/kg	< 0.5			0.5	Pass	
Bromomethane	mg/kg	< 0.5			0.5	Pass	
Carbon disulfide	mg/kg	< 0.5			0.5	Pass	
Carbon Tetrachloride	mg/kg	< 0.5			0.5	Pass	
Chlorobenzene	mg/kg	< 0.5			0.5	Pass	
Chloroethane	mg/kg	< 0.5			0.5	Pass	
Chloroform	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/kg	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Dibromochloromethane	mg/kg	< 0.5			0.5	Pass	
Dibromomethane	mg/kg	< 0.5			0.5	Pass	
Dichlorodifluoromethane	mg/kg	< 0.5			0.5	Pass	
Iodomethane	mg/kg	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	mg/kg	< 0.5			0.5	Pass	
Methylene Chloride	mg/kg	< 0.5			0.5	Pass	
Styrene	mg/kg	< 0.5			0.5	Pass	
Tetrachloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.2-Dichloroethene	mg/kg	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	mg/kg	< 0.5			0.5	Pass	
Trichloroethene	mg/kg	< 0.5			0.5	Pass	
Trichlorofluoromethane	mg/kg	< 0.5			0.5	Pass	
Vinyl chloride	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Total PAH*	mg/kg	-			0.5	N/A	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
1-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
1-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
1.2-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.4-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.3.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.2.4.5-Tetrachlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.3.5-Trichlorobenzene	mg/kg	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chloronaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2-Methylnaphthalene	mg/kg	< 0.5			0.5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
2-Naphthylamine	mg/kg	< 0.5			0.5	Pass	
2-Nitroaniline	mg/kg	< 1			1	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2-Picoline	mg/kg	< 0.5			0.5	Pass	
2.3.4.6-Tetrachlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2.4-Dinitrotoluene	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.6-Dinitrotoluene	mg/kg	< 1			1	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
3-Methylcholanthrene	mg/kg	< 0.5			0.5	Pass	
3.3'-Dichlorobenzidine	mg/kg	< 0.5			0.5	Pass	
4-Aminobiphenyl	mg/kg	< 0.5			0.5	Pass	
4-Bromophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
4-Chlorophenyl phenyl ether	mg/kg	< 0.5			0.5	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
4.4'-DDD	mg/kg	< 0.5			0.5	Pass	
4.4'-DDE	mg/kg	< 0.5			0.5	Pass	
4.4'-DDT	mg/kg	< 1			1	Pass	
7.12-Dimethylbenz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
a-HCH	mg/kg	< 0.5			0.5	Pass	
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Acetophenone	mg/kg	< 0.5			0.5	Pass	
Aldrin	mg/kg	< 0.5			0.5	Pass	
Aniline	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
b-HCH	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzyl chloride	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroethoxy)methane	mg/kg	< 0.5			0.5	Pass	
Bis(2-chloroisopropyl)ether	mg/kg	< 0.5			0.5	Pass	
Bis(2-ethylhexyl)phthalate	mg/kg	< 5			5	Pass	
Butyl benzyl phthalate	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
d-HCH	mg/kg	< 0.5			0.5	Pass	
Di-n-butyl phthalate	mg/kg	< 0.5			0.5	Pass	
Di-n-octyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.j)acridine	mg/kg	< 0.5			0.5	Pass	
Dibenzofuran	mg/kg	< 0.5			0.5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dieldrin	mg/kg	< 0.5			0.5	Pass	
Diethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethyl phthalate	mg/kg	< 0.5			0.5	Pass	
Dimethylaminoazobenzene	mg/kg	< 0.5			0.5	Pass	
Diphenylamine	mg/kg	< 0.5			0.5	Pass	
Endosulfan I	mg/kg	< 0.5			0.5	Pass	
Endosulfan II	mg/kg	< 0.5			0.5	Pass	
Endosulfan sulphate	mg/kg	< 0.5			0.5	Pass	
Endrin	mg/kg	< 0.5			0.5	Pass	
Endrin aldehyde	mg/kg	< 0.5			0.5	Pass	
Endrin ketone	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
g-HCH (Lindane)	mg/kg	< 0.5			0.5	Pass	
Heptachlor	mg/kg	< 0.5			0.5	Pass	
Heptachlor epoxide	mg/kg	< 0.5			0.5	Pass	
Hexachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Hexachlorobutadiene	mg/kg	< 0.5			0.5	Pass	
Hexachlorocyclopentadiene	mg/kg	< 1			1	Pass	
Hexachloroethane	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Methoxychlor	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodibutylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosodipropylamine	mg/kg	< 0.5			0.5	Pass	
N-Nitrosopiperidine	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Nitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachloronitrobenzene	mg/kg	< 0.5			0.5	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Pronamide	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Trifluralin	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	85			70-130	Pass	
TRH C10-C14	%	98			70-130	Pass	
Naphthalene	%	98			70-130	Pass	
TRH C6-C10	%	83			70-130	Pass	
TRH >C10-C16	%	93			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	80			70-130	Pass	
Toluene	%	83			70-130	Pass	
Ethylbenzene	%	81			70-130	Pass	
m&p-Xylenes	%	80			70-130	Pass	
o-Xylene	%	79			70-130	Pass	
Xylenes - Total*	%	80			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	116			70-130	Pass	
1.1.1-Trichloroethane	%	96			70-130	Pass	
1.2-Dichlorobenzene	%	109			70-130	Pass	
1.2-Dichloroethane	%	115			70-130	Pass	
Trichloroethene	%	95			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	91			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Acenaphthylene	%	90			70-130	Pass	
Anthracene	%	88			70-130	Pass	
Benz(a)anthracene	%	91			70-130	Pass	
Benzo(a)pyrene	%	86			70-130	Pass	
Benzo(b&j)fluoranthene	%	94			70-130	Pass	
Benzo(g.h.i)perylene	%	87			70-130	Pass	
Benzo(k)fluoranthene	%	84			70-130	Pass	
Chrysene	%	74			70-130	Pass	
Dibenz(a.h)anthracene	%	89			70-130	Pass	
Fluoranthene	%	91			70-130	Pass	
Fluorene	%	86			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	86			70-130	Pass	
Naphthalene	%	74			70-130	Pass	
Phenanthrene	%	109			70-130	Pass	
Pyrene	%	87			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	114			70-130	Pass	
4.4'-DDD	%	83			70-130	Pass	
4.4'-DDE	%	89			70-130	Pass	
4.4'-DDT	%	71			70-130	Pass	
a-HCH	%	93			70-130	Pass	
Aldrin	%	99			70-130	Pass	
b-HCH	%	101			70-130	Pass	
d-HCH	%	98			70-130	Pass	
Dieldrin	%	94			70-130	Pass	
Endosulfan I	%	103			70-130	Pass	
Endosulfan II	%	97			70-130	Pass	
Endosulfan sulphate	%	72			70-130	Pass	
Endrin	%	113			70-130	Pass	
Endrin aldehyde	%	106			70-130	Pass	
Endrin ketone	%	91			70-130	Pass	
g-HCH (Lindane)	%	77			70-130	Pass	
Heptachlor	%	89			70-130	Pass	
Heptachlor epoxide	%	118			70-130	Pass	
Hexachlorobenzene	%	86			70-130	Pass	
Methoxychlor	%	86			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	130			70-130	Pass	
Dimethoate	%	108			70-130	Pass	
Ethion	%	95			70-130	Pass	
Fenitrothion	%	119			70-130	Pass	
Methyl parathion	%	130			70-130	Pass	
Mevinphos	%	110			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	72			25-140	Pass	
1.2.4-Trichlorobenzene	%	82			70-130	Pass	
1.4-Dichlorobenzene	%	93			70-130	Pass	
2-Chlorophenol	%	91			25-140	Pass	
2-Methylphenol (o-Cresol)	%	91			25-140	Pass	
2-Nitrophenol	%	104			25-140	Pass	
2.4-Dichlorophenol	%	90			25-140	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2.4-Dimethylphenol	%	91			25-140	Pass	
2.4-Dinitrotoluene	%	78			70-130	Pass	
2.4.5-Trichlorophenol	%	84			25-140	Pass	
2.4.6-Trichlorophenol	%	84			25-140	Pass	
2.6-Dichlorophenol	%	90			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	88			25-140	Pass	
4-Chloro-3-methylphenol	%	96			25-140	Pass	
4-Nitrophenol	%	89			25-140	Pass	
Acenaphthene	%	85			70-130	Pass	
Endrin aldehyde	%	81			70-130	Pass	
N-Nitrosodipropylamine	%	103			70-130	Pass	
Pentachlorophenol	%	76			25-140	Pass	
Phenol	%	73			25-140	Pass	
Pyrene	%	101			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	114			80-120	Pass	
Cadmium	%	97			80-120	Pass	
Chromium	%	81			80-120	Pass	
Copper	%	83			80-120	Pass	
Lead	%	98			80-120	Pass	
Mercury	%	107			80-120	Pass	
Nickel	%	84			80-120	Pass	
Zinc	%	82			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	90			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	90			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	92			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	89			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	95			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	94			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	98			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	88			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	93			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	144			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	97			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	92			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	91			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	87			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	%	95			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	%	71			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	86			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	86			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	93			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	82			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	93			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	82			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	90			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	101			50-150	Pass	

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Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorooctanesulfonic acid (PFOS)			%	84			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)			%	88			50-150	Pass	
LCS - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)									
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)			%	91			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)			%	89			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)			%	88			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)			%	89			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S22-Jn0048265	NCP	%	113			70-130	Pass	
TRH C6-C10	S22-Jn0048265	NCP	%	113			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1.1-Trichloroethane	S22-Jn0035967	NCP	%	71			70-130	Pass	
1.2-Dichloroethane	S22-Jn0035967	NCP	%	85			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S22-Jn0048260	NCP	%	78			70-130	Pass	
4.4'-DDD	S22-Jn0048260	NCP	%	79			70-130	Pass	
4.4'-DDE	S22-Jn0048260	NCP	%	76			70-130	Pass	
4.4'-DDT	S22-Jn0048260	NCP	%	78			70-130	Pass	
a-HCH	S22-Jn0048260	NCP	%	80			70-130	Pass	
Aldrin	S22-Jn0044980	NCP	%	86			70-130	Pass	
b-HCH	S22-Jn0048260	NCP	%	87			70-130	Pass	
d-HCH	S22-Jn0048260	NCP	%	84			70-130	Pass	
Dieldrin	S22-Jn0048260	NCP	%	78			70-130	Pass	
Endosulfan I	S22-Jn0048260	NCP	%	83			70-130	Pass	
Endosulfan II	S22-Jn0048260	NCP	%	78			70-130	Pass	
Endosulfan sulphate	S22-Jn0044980	NCP	%	82			70-130	Pass	
Endrin	S22-Jn0048260	NCP	%	79			70-130	Pass	
Endrin aldehyde	S22-Jn0048260	NCP	%	96			70-130	Pass	
Endrin ketone	S22-Jn0048260	NCP	%	78			70-130	Pass	
g-HCH (Lindane)	S22-Jn0048260	NCP	%	86			70-130	Pass	
Heptachlor	S22-Jn0048260	NCP	%	91			70-130	Pass	
Heptachlor epoxide	S22-Jn0048260	NCP	%	75			70-130	Pass	
Hexachlorobenzene	S22-Jn0048260	NCP	%	89			70-130	Pass	
Methoxychlor	S22-Jn0048260	NCP	%	82			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S22-Jn0048260	NCP	%	98			70-130	Pass	
Dimethoate	S22-Jn0048260	NCP	%	85			70-130	Pass	
Ethion	S22-Jn0048260	NCP	%	89			70-130	Pass	
Fenitrothion	S22-Jn0048260	NCP	%	110			70-130	Pass	
Methyl parathion	S22-Jn0048260	NCP	%	120			70-130	Pass	
Mevinphos	S22-Jn0048260	NCP	%	101			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Lead	S22-Jn0042438	NCP	%	104			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
Naphthalene	S22-Jn0043587	CP	%	82			70-130	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
BTEX				Result 1					
Benzene	S22-Jn0043587	CP	%	75			70-130	Pass	
Toluene	S22-Jn0043587	CP	%	79			70-130	Pass	
Ethylbenzene	S22-Jn0043587	CP	%	77			70-130	Pass	
m&p-Xylenes	S22-Jn0043587	CP	%	79			70-130	Pass	
o-Xylene	S22-Jn0043587	CP	%	76			70-130	Pass	
Xylenes - Total*	S22-Jn0043587	CP	%	78			70-130	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Jn0043587	CP	%	90			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0043587	CP	%	86			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0043587	CP	%	87			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0043587	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0043587	CP	%	95			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0043587	CP	%	86			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0043587	CP	%	98			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0043587	CP	%	92			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0043587	CP	%	90			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0043587	CP	%	128			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0043587	CP	%	92			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Jn0043587	CP	%	97			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0043587	CP	%	87			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0043587	CP	%	97			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0043587	CP	%	91			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0043587	CP	%	87			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0043587	CP	%	94			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0043587	CP	%	89			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0043587	CP	%	87			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0043587	CP	%	97			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0043587	CP	%	83			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0043587	CP	%	76			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0043587	CP	%	89			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0043587	CP	%	99			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0043587	CP	%	106			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0043587	CP	%	109			50-150	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0043587	CP	%	91			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0043587	CP	%	92			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0043587	CP	%	92			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0043587	CP	%	85			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S22-Jn0043597	CP	%	92			70-130	Pass	
TRH >C10-C16	S22-Jn0043597	CP	%	88			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S22-Jn0043597	CP	%	102			75-125	Pass	
Cadmium	S22-Jn0043597	CP	%	112			75-125	Pass	
Chromium	S22-Jn0043597	CP	%	111			75-125	Pass	
Copper	S22-Jn0043597	CP	%	114			75-125	Pass	
Mercury	S22-Jn0043597	CP	%	111			75-125	Pass	
Nickel	S22-Jn0043597	CP	%	115			75-125	Pass	
Zinc	S22-Jn0043597	CP	%	114			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Jn0043610	CP	%	87			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0043610	CP	%	84			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0043610	CP	%	86			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0043610	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0043610	CP	%	93			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0043610	CP	%	96			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0043610	CP	%	107			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0043610	CP	%	98			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0043610	CP	%	83			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0043610	CP	%	132			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0043610	CP	%	96			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Jn0043610	CP	%	102			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0043610	CP	%	87			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0043610	CP	%	96			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0043610	CP	%	95			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0043610	CP	%	90			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0043610	CP	%	86			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0043610	CP	%	88			50-150	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0043610	CP	%	86			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0043610	CP	%	85			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0043610	CP	%	95			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0043610	CP	%	85			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0043610	CP	%	86			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0043610	CP	%	95			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0043610	CP	%	92			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0043610	CP	%	93			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0043610	CP	%	95			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0043610	CP	%	94			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0043610	CP	%	83			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0043610	CP	%	90			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0043584	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0043584	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0043584	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0043584	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Jn0043586	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S22-Jn0043586	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S22-Jn0043586	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S22-Jn0043586	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S22-Jn0043586	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S22-Jn0043586	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S22-Jn0043586	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S22-Jn0043586	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Jn0043586	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S22-Jn0043586	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S22-Jn0043586	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S22-Jn0043586	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S22-Jn0043586	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S22-Jn0043586	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trimethylbenzene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichloropropane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trimethylbenzene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Butanone (MEK)	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Propanone (Acetone)	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chlorotoluene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Allyl chloride	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromobenzene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromochloromethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromodichloromethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromoform	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bromomethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon disulfide	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Carbon Tetrachloride	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chlorobenzene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloroform	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chloromethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.2-Dichloroethene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
cis-1.3-Dichloropropene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromochloromethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibromomethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dichlorodifluoromethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Iodomethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Isopropyl benzene (Cumene)	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methylene Chloride	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Styrene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Tetrachloroethene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.2-Dichloroethene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
trans-1.3-Dichloropropene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichloroethene	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trichlorofluoromethane	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Vinyl chloride	S22-Jn0043586	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Jn0043586	CP	mg/kg	10	11	3.0	30%	Pass	
Cadmium	S22-Jn0043586	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Jn0043586	CP	mg/kg	17	18	4.0	30%	Pass	
Copper	S22-Jn0043586	CP	mg/kg	26	25	6.0	30%	Pass	
Lead	S22-Jn0043586	CP	mg/kg	12	13	4.0	30%	Pass	

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Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Mercury	S22-Jn0043586	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Jn0043586	CP	mg/kg	8.3	7.8	5.0	30%	Pass	
Zinc	S22-Jn0043586	CP	mg/kg	40	38	4.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0043586	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0043586	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0043586	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0043586	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Jn0043590	CP	%	17	17	3.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S22-Jn0043596	CP	mg/kg	6.7	7.8	15	30%	Pass	
Cadmium	S22-Jn0043596	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S22-Jn0043596	CP	mg/kg	16	18	10	30%	Pass	
Copper	S22-Jn0043596	CP	mg/kg	14	16	11	30%	Pass	
Lead	S22-Jn0043596	CP	mg/kg	25	28	11	30%	Pass	
Mercury	S22-Jn0043596	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S22-Jn0043596	CP	mg/kg	9.4	11	15	30%	Pass	
Zinc	S22-Jn0043596	CP	mg/kg	32	33	4.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0043599	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0043599	CP	ug/kg	< 10	< 10	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0043599	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0043599	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Jn0043600	CP	%	36	31	15	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Jn0043603	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
b-HCH	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S22-Jn0043603	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S22-Jn0043603	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S22-Jn0043603	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S22-Jn0043603	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S22-Jn0043603	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S22-Jn0043603	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S22-Jn0043603	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S22-Jn0043603	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S22-Jn0043603	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Acetophenone	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S22-Jn0043603	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-butyl phthalate	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Diethyl phthalate	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S22-Jn0043603	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S22-Jn0043603	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Jn0043606	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S22-Jn0043606	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Jn0043606	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S22-Jn0043606	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S22-Jn0043606	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S22-Jn0043606	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S22-Jn0043606	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1-Dichloroethene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1-Trichloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2-Trichloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dibromoethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2-Dichloropropane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichloropropane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
1.2.4-Trimethylbenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
1.3-Dichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
1.3-Dichloropropane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
1.3.5-Trimethylbenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
1.4-Dichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
2-Butanone (MEK)	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
2-Propanone (Acetone)	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
4-Chlorotoluene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
4-Methyl-2-pentanone (MIBK)	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Allyl chloride	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bromobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bromochloromethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bromodichloromethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bromoform	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Bromomethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Carbon disulfide	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Carbon Tetrachloride	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Chlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Chloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Chloroform	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Chloromethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
cis-1.2-Dichloroethene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
cis-1.3-Dichloropropene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dibromochloromethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dibromomethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dichlorodifluoromethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Iodomethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Isopropyl benzene (Cumene)	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Methylene Chloride	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Styrene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Tetrachloroethene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
trans-1.2-Dichloroethene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
trans-1.3-Dichloropropene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Trichloroethene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Trichlorofluoromethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Vinyl chloride	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Duplicate								
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD		
Acenaphthene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Acenaphthylene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Anthracene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Benz(a)anthracene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Benzo(a)pyrene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Benzo(b&j)fluoranthene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Benzo(g.h.i)perylene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Benzo(k)fluoranthene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Chrysene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dibenz(a.h)anthracene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Fluoranthene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Fluorene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Indeno(1.2.3-cd)pyrene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Naphthalene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Phenanthrene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Pyrene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Jn0043606	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S22-Jn0043606	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S22-Jn0043606	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S22-Jn0043606	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S22-Jn0043606	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tetrachlorvinphos	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	S22-Jn0043606	CP	mg/kg	< 5	< 5	<1	30%	Pass	
1-Chloronaphthalene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1-Naphthylamine	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3-Trichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4-Trichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.3.5-Trichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chloronaphthalene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Chlorophenol	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylnaphthalene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S22-Jn0043606	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
2-Naphthylamine	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitroaniline	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Nitrophenol	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2-Picoline	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dimethylphenol	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S22-Jn0043606	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2.4-Dinitrotoluene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.6-Dinitrotoluene	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S22-Jn0043606	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
3-Methylcholanthrene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
3.3'-Dichlorobenzidine	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Aminobiphenyl	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Bromophenyl phenyl ether	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Nitrophenol	S22-Jn0043606	CP	mg/kg	< 5	< 5	<1	30%	Pass	
4.4'-DDD	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDE	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4.4'-DDT	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acetophenone	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aldrin	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Aniline	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzyl chloride	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S22-Jn0043606	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Butyl benzyl phthalate	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Di-n-butyl phthalate	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Di-n-octyl phthalate	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.j)acridine	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenzofuran	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dieldrin	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diethyl phthalate	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethyl phthalate	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dimethylaminoazobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Diphenylamine	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan I	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan II	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endosulfan sulphate	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin aldehyde	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Endrin ketone	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
g-HCH (Lindane)	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Heptachlor epoxide	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorobutadiene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Hexachlorocyclopentadiene	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Hexachloroethane	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Methoxychlor	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodibutylamine	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosodipropylamine	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
N-Nitrosopiperidine	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Nitrobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachloronitrobenzene	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pentachlorophenol	S22-Jn0043606	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Phenol	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pronamide	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Trifluralin	S22-Jn0043606	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Jn0043610	CP	%	29	31	8.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Jn0043611	CP	%	18	18	5.0	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0043611	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0043611	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0043611	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0043611	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q09	The Surrogate recovery is outside of the recommended acceptance criteria due to matrix interference. Acceptance criteria were met for all other QC

Authorised by:

Emma Beesley	Analytical Services Manager
Gabriele Cordero	Senior Analyst-Metal
Jonathon Angell	Senior Analyst-PFAS
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-Volatile
Sayeed Abu	Senior Analyst-Asbestos

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **898926-W**
Project name BRADFIELD CITY CENTRE
Project ID 0571466
Received Date Jun 17, 2022

Client Sample ID			**TRIP SPIKE**	**TRIP BLANK**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S22-Jn0043612**	**S22-Jn0043613**
Date Sampled			**Jun 16, 2022**	**Jun 16, 2022**
Test/Reference	LOR	Unit		
TRH C6-C10	1	%	71	-
Total Recoverable Hydrocarbons				
Naphthalene	1	%	110	-
TRH C6-C9	1	%	72	-
BTEX				
Benzene	1	%	88	-
Ethylbenzene	1	%	92	-
m&p-Xylenes	1	%	95	-
o-Xylene	1	%	87	-
Toluene	1	%	85	-
Xylenes - Total	1	%	90	-
4-Bromofluorobenzene (surr.)	1	%	111	-
Total Recoverable Hydrocarbons				
TRH C6-C9	0.02	mg/L	-	< 0.02
Naphthalene[N02]	0.01	mg/L	-	< 0.01
TRH C6-C10	0.02	mg/L	-	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	-	< 0.02
BTEX				
Benzene	0.001	mg/L	-	< 0.001
Toluene	0.001	mg/L	-	< 0.001
Ethylbenzene	0.001	mg/L	-	< 0.001
m&p-Xylenes	0.002	mg/L	-	< 0.002
o-Xylene	0.001	mg/L	-	< 0.001
Xylenes - Total*	0.003	mg/L	-	< 0.003
4-Bromofluorobenzene (surr.)	1	%	-	108

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Jun 23, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons	Sydney	Jun 23, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jun 23, 2022	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			

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Company Name: ERM Sydney
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Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**								
1	A1_TP128_0.1	Jun 16, 2022		Soil	S22-Jn0043581	X	X	X	X		X	X	
2	A1_TP128_0.3	Jun 16, 2022		Soil	S22-Jn0043582		X	X	X		X	X	
3	A1_TP129_0.1	Jun 16, 2022		Soil	S22-Jn0043583	X	X	X	X		X	X	
4	A1_TP129_0.3	Jun 16, 2022		Soil	S22-Jn0043584		X	X	X		X	X	
5	A1_TP130_0.1	Jun 16, 2022		Soil	S22-Jn0043585	X	X	X	X		X	X	
6	A1_TP130_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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Eurofins Analytical Services Manager : Emma Beesley

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043586								
7	A1_TP131_0.1	Jun 16, 2022		Soil	S22-Jn0043587	X	X	X	X		X	X	
8	A1_TP131_0.3	Jun 16, 2022		Soil	S22-Jn0043588		X	X	X		X	X	
9	A1_TP36_0.1	Jun 16, 2022		Soil	S22-Jn0043589	X	X	X	X		X		
10	A1_TP36_0.3	Jun 16, 2022		Soil	S22-Jn0043590		X	X	X		X	X	
11	A1_TP153_0.1	Jun 16, 2022		Soil	S22-Jn0043591	X	X	X	X		X	X	
12	A1_TP153_0.3	Jun 16, 2022		Soil	S22-Jn0043592		X	X	X		X	X	

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Eurofins Analytical Services Manager : Emma Beesley

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
13	A1_TP159_0.3	Jun 16, 2022		Soil	S22-Jn0043593		X	X	X		X	X	
14	A1_TP256_0.1	Jun 16, 2022		Soil	S22-Jn0043594	X	X	X	X		X	X	
15	A1_TP256_0.3	Jun 16, 2022		Soil	S22-Jn0043595		X	X	X		X	X	
16	A1_TP257_0.1	Jun 16, 2022		Soil	S22-Jn0043596	X	X	X	X		X	X	
17	A1_TP257_0.3	Jun 16, 2022		Soil	S22-Jn0043597		X	X	X		X	X	
18	A1_TP258_0.1	Jun 16, 2022		Soil	S22-Jn0043598	X	X	X	X		X	X	
19	A1_TP258_0.3	Jun 16, 2022		Soil	S22-		X	X	X		X	X	

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Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Newcastle
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Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
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Eurofins ARL Pty Ltd
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Eurofins Environment Testing NZ Limited
NZBN: 9429046024954

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Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD CITY CENTRE
Project ID: 0571466

Order No.:
Report #: 898926
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 17, 2022 4:23 PM
Due: Jun 24, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Asbestos - AS4964	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043599								
20	A1_TP259_0.1	Jun 16, 2022		Soil	S22-Jn0043600	X	X	X	X		X	X	
21	A1_TP259_0.3	Jun 16, 2022		Soil	S22-Jn0043601		X	X	X		X	X	
22	A1_TP260_0.1	Jun 16, 2022		Soil	S22-Jn0043602	X	X	X	X		X	X	
23	A1_TP260_0.3	Jun 16, 2022		Soil	S22-Jn0043603		X	X	X		X	X	
24	A1_TP262_0.1	Jun 16, 2022		Soil	S22-Jn0043604	X	X	X	X		X	X	
25	A1_TP262_0.3	Jun 16, 2022		Soil	S22-Jn0043605		X	X	X		X	X	

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ABN: 50 005 085 521

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NATA # 1261 Site # 18217

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
26	A1_TP303_0.1	Jun 16, 2022		Soil	S22-Jn0043606	X	X	X	X		X	X	
27	A1_TP303_0.3	Jun 16, 2022		Soil	S22-Jn0043607		X	X	X		X	X	
28	A1_TP305_0.1	Jun 16, 2022		Soil	S22-Jn0043608	X	X	X	X		X	X	
29	A1_TP305_0.3	Jun 16, 2022		Soil	S22-Jn0043609		X	X	X		X	X	
30	A1_TP315_0.1	Jun 16, 2022		Soil	S22-Jn0043610	X	X	X	X		X	X	
31	A1_TP315_0.3	Jun 16, 2022		Soil	S22-Jn0043611		X	X	X		X	X	
32	TRIP SPIKE	Jun 16, 2022		Water	S22-								X

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Melbourne Laboratory - NATA # 1261 Site # 1254									X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794												X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0043612								
33	TRIP BLANK	Jun 16, 2022		Water	S22-Jn0043613					X			
Test Counts						15	31	31	31	1	31	30	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	86			70-130	Pass	
Naphthalene	%	114			70-130	Pass	
TRH C6-C10	%	86			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	99			70-130	Pass	
Toluene	%	93			70-130	Pass	
Ethylbenzene	%	99			70-130	Pass	
m&p-Xylenes	%	98			70-130	Pass	
o-Xylene	%	98			70-130	Pass	
Xylenes - Total*	%	98			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S22-Jn0046154	NCP	%	86			70-130	Pass	
Naphthalene	S22-Jn0046154	NCP	%	111			70-130	Pass	
TRH C6-C10	S22-Jn0046154	NCP	%	85			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S22-Jn0046154	NCP	%	96			70-130	Pass	
Toluene	S22-Jn0046154	NCP	%	93			70-130	Pass	
Ethylbenzene	S22-Jn0046154	NCP	%	97			70-130	Pass	
m&p-Xylenes	S22-Jn0046154	NCP	%	100			70-130	Pass	
o-Xylene	S22-Jn0046154	NCP	%	96			70-130	Pass	
Xylenes - Total*	S22-Jn0046154	NCP	%	99			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Jn0050733	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Naphthalene	S22-Jn0050733	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
TRH C6-C10	S22-Jn0050733	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	

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Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Jn0050733	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S22-Jn0050733	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S22-Jn0050733	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S22-Jn0050733	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S22-Jn0050733	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S22-Jn0050733	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.

Authorised by:

Emma Beesley	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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☐ **MELBOURNE**
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Email: EnviroSampleVic@eurofins.com.au

CHAIN OF CUSTODY RECORD

Company Name* : Environmental Resources Management (ERM)	Contact Name* : Jack Emblen	Purchase Order :	COC Number :
Office Address* : Level 15, 309 Kent Street, Sydney NSW 2000	Project Manager : Nicholas Grbich	Project Number : 0571466	Quote ID* :
	Email for Results* : nicholas.grbich@erm.com; jack.emblen@erm.com	Project Name : Bradfield	Data Output Format* : Excel

Special Directions & Comments :

Eurofins | mgt DI Water Batch Number :

Analytes* :

	Sample ID* :	Date :	Matrix* :	Water Suite B*	PFAS
1	SED1	21/06/2022	Sediment		●
2	SED2	21/06/2022	Sediment		●
3	SED3	21/06/2022	Sediment		●
4	SED4	21/06/2022	Sediment		●
5	SED5	21/06/2022	Sediment		●
6	SED6	21/06/2022	Sediment		●
7	SED7	21/06/2022	Sediment		●
8	SED8	21/06/2022	Sediment		●
9	SED9	21/06/2022	Sediment		●
10	SED10	21/06/2022	Sediment		●
11	SW1	21/06/2022	Water	●	
12	SW2	21/06/2022	Water	●	
13	SW4	21/06/2022	Water	●	
14	SW5	21/06/2022	Water	●	
15	SW6	21/06/2022	Water	●	
16					

Some common holding times (with correct preservation) - For further information contact the lab

Waters		Soils	
BTEX, MAH, VOC	14 days	BTEX, MAH, VOC	14 days
TRH, PAH, Phenols, Pesticides	7 days	TRH, PAH, Phenols, Pesticides	14 days
Heavy Metals	6 months	Heavy Metals	6 months
Mercury, CrVI	28 days	Mercury, CrVI	28 days
Microbiological testing	24 hours	Microbiological testing	72 hours
BOD, Nitrate, Nitrite, Total N	2 days	Anions	28 days
Solids - TSS, TDS etc	7 days	SPOCAS, pH Field and FOX, CrS	24 hours
Ferrous Iron	7 days	ASLP, TCLP	7 days

Containers* :						Comments
500P	250P	125P	200A	40mL vial	500 PFAS	
						*Water Suite B = PFAS, TRH/BTEX/PAHs, SVOCs/VOCs, heavy metals (8), OCP/OPP

	Laboratory Staff	Turn Around Time :	Method Of Shipment :	Temperature on Arrival :
Relinquished By* : Jack Emblen	Received By : CP Wilkes	☐ 1 DAY ☐ 2 DAY ☐ 3 DAY	☐ Hand Delivered	0.9°C
Date & Time* : 22/06/2022 09:30am	Date & Time : 22/6/22 2:5pm	☑ 5 DAY ☐ 10 DAY	☑ Courier	Report Number :
Signature* :	Signature :	☐ Other:	Courier Consignment # :	*900382

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ERM

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☐ **MELBOURNE**
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Phone: +613 8564 5000 Fax: +613 8564 5090
Email: EnviroSampleVic@eurofins.com.au

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Company Name* :	Environmental Resources Management (ERM)	Contact Name* :	Jack Emblen	Purchase Order :	COC Number :
Office Address* :	Level 15, 309 Kent Street, Sydney NSW 2000	Project Manager :	Nicholas Grbich	Project Number : 0571466	Quote ID* :
		Email for Results* :	nicholas.grbich@erm.com; jack.emblen@erm.com	Project Name : Bradfield	Data Output Format* : Excel

Special Directions & Comments :

Eurofins | mgt DI Water Batch Number :

Some common holding times (with correct preservation) - For further information contact the lab

Waters		Soils	
BTEX, MAH, VOC	14 days	BTEX, MAH, VOC	14 days
TRH, PAH, Phenols, Pesticides	7 days	TRH, PAH, Phenols, Pesticides	14 days
Heavy Metals	6 months	Heavy Metals	6 months
Mercury, CrVI	28 days	Mercury, CrVI	28 days
Microbiological testing	24 hours	Microbiological testing	72 hours
BOD, Nitrate, Nitrite, Total N	2 days	Anions	28 days
Solids - TSS, TDS etc	7 days	SPOCAS, pH Field and FOX, CrS	24 hours
Ferrous iron	7 days	ASLP, TCLP	7 days

	Sample ID* :	Date :	Matrix* :	Analytes* : Water Suite B*	PFAS	BTEX	Containers* : 500P	250P	125P	200A	40mL vial	500 PFAS	Comments
1	SW7	21/06/2022	Water	●									*Water Suite B = PFAS, TRH/BTEX/PAHs, SVOCs/VOCs, heavy metals (8), OCP/OPP
2	SW8	21/06/2022	Water	●									
3	SW9	21/06/2022	Water	●									
4	SW10	21/06/2022	Water	●									
5	D01_20220621	21/06/2022	Water	●									
6	D01_20220621	21/06/2022	Sediment		●								
7	T01_20220621	21/06/2022	Water	●									Please Forward To ALS
8	T01_20220621	21/06/2022	Sediment		●								Please Forward To ALS
9	TS/TB	21/06/2021	Water			●							
10													
11													
12													
13													
14													
15													
16													

	Laboratory Staff	Turn Around Time :	Method Of Shipment :	Temperature on Arrival :
Relinquished By* : Jack Emblen	Received By : RP Willis	☐ 1 DAY ☐ 2 DAY ☐ 3 DAY	☐ Hand Delivered	0.9°C
Date & Time* : 22/06/2022 09:30am	Date & Time : 22/6/2022 2:51pm	☑ 5 DAY ☐ 10 DAY	☑ Courier	Report Number :
Signature* :	Signature :	☐ Other:	Courier Consignment # :	#900392

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Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
Phone: +61 3 8564 5000
e.mail: EnviroRemittances@eurofins.com

Tax Invoice

ERM Sydney
Locked Bag 3012
Australia Square
NSW 1215

Purchase Order #:	Not provided
Invoice #:	703359
Date:	Jun 29, 2022
Report #:	900392
Project Name:	BRADFIELD
Project ID:	0571466
Contact:	Nicholas Grbich

Description	Quantity	Price	Total	Notes
Solid Samples				
BTEX	2	$17.60	$35.20	
Per- and Polyfluoroalkyl Substances (PFASs)	11	$102.50	$1,127.50	
Liquid Samples				
BTEX	2	$17.60	$35.20	
Eurofins Suite B7 (filtered metals)	10	$61.30	$613.00	
Eurofins Suite SVV: SVOC/VOC	10	$107.10	$1,071.00	
Per- and Polyfluoroalkyl Substances (PFASs)	10	$102.50	$1,025.00	
Suite B14: OCP/OPP	10	$36.80	$368.00	
Split sample couriered to external lab	1	$45.00	$45.00	

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Nett Total	$4,319.90
GST	$431.99
Total Inc GST	$4,751.89

This invoice is subject to Eurofins General Terms of Sales. Copies available on request or at http://environment.eurofins.com.au

Please detach and return with payment to:
Postal:
Eurofins Environment Testing
6 Monterey Road
Dandenong South
Victoria, 3175

Please EFT Payments to:
Eurofins Environment Testing
BSB 063-498
Acct No: 10057019
e.mail Remittances:
EnviroRemittances@eurofins.com

Invoice Number : 703359
Amount Inc GST : $4,751.89

TERMS STRICTLY 30 DAYS

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Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Jack Emblen
Project name:	BRADIFIELD
Project ID:	0571466
Turnaround time:	3 Day
Date/Time received	Jun 22, 2022 2:51 PM
Eurofins reference	900392

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✗	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
✓	Split sample sent to requested external lab.
✗	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

T01_20220621 sediment and water forwarded to ALS. SW3 not received.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Emma Beesley on phone : or by email: EmmaBeesley@eurofins.com

Results will be delivered electronically via email to Jack Emblen - jack.emblen@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: BRADFIELD
Project ID: 0571466

Order No.:
Report #: 900392
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 22, 2022 2:51 PM
Due: Jun 27, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail	CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254			X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217	X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794				X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079								
Perth Laboratory - NATA # 2377 Site # 2370								
External Laboratory								

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID							
1	SED1	Jun 21, 2022		Solid	S22-Jn0055835				X			X	
2	SED2	Jun 21, 2022		Solid	S22-Jn0055836				X			X	
3	SED3	Jun 21, 2022		Solid	S22-Jn0055837				X			X	
4	SED4	Jun 21, 2022		Solid	S22-Jn0055838				X			X	
5	SED5	Jun 21, 2022		Solid	S22-Jn0055839				X			X	
6	SED6	Jun 21, 2022		Solid	S22-				X			X	

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Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0055840								
7	SED7	Jun 21, 2022		Solid	S22-Jn0055841				X			X	
8	SED8	Jun 21, 2022		Solid	S22-Jn0055842				X			X	
9	SED9	Jun 21, 2022		Solid	S22-Jn0055843				X			X	
10	SED10	Jun 21, 2022		Solid	S22-Jn0055844				X			X	
11	SW1	Jun 21, 2022		Water	S22-Jn0055845			X		X	X	X	
12	SW2	Jun 21, 2022		Water	S22-Jn0055846			X		X	X	X	

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Sample Detail						CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
13	SW3	Jun 21, 2022		Water	S22-Jn0055847	X							
14	SW4	Jun 21, 2022		Water	S22-Jn0055848			X		X	X	X	
15	SW5	Jun 21, 2022		Water	S22-Jn0055849			X		X	X	X	
16	SW6	Jun 21, 2022		Water	S22-Jn0055850			X		X	X	X	
17	SW7	Jun 21, 2022		Water	S22-Jn0055851			X		X	X	X	
18	SW8	Jun 21, 2022		Water	S22-Jn0055852			X		X	X	X	
19	SW9	Jun 21, 2022		Water	S22-			X		X	X	X	

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Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0055853								
20	SW10	Jun 21, 2022		Water	S22-Jn0055854			X		X	X	X	
21	D01_20220621	Jun 21, 2022		Water	S22-Jn0055855			X		X	X	X	
22	D01_20220621	Jun 21, 2022		Solid	S22-Jn0055856				X			X	
23	TRIP SPIKE	Jun 21, 2022		Water	S22-Jn0055857								X
24	TRIP BLANK	Jun 21, 2022		Water	S22-Jn0055858		X						
25	TRIP BLANK	Not Provided		Soil	S22-Jn0055859		X						

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Received: Jun 22, 2022 2:51 PM
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Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
26	TRIP SPIKE	Not Provided		Soil	S22-Jn0055943								X
Test Counts						1	2	10	11	10	10	21	2

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ERM Sydney
Level 15, 309 Kent St
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NATA Accredited
Accreditation Number 1261
Site Number 20794

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **900392-S**
Project name BRADFIELD
Project ID 0571466
Received Date Jun 22, 2022

Client Sample ID			**SED1**	**SED2**	**SED3**	**SED4**
Sample Matrix			**Solid**	**Solid**	**Solid**	**Solid**
Eurofins Sample No.			**S22-Jn0055835**	**S22-Jn0055836**	**S22-Jn0055837**	**S22-Jn0055838**
Date Sampled			**Jun 21, 2022**	**Jun 21, 2022**	**Jun 21, 2022**	**Jun 21, 2022**
Test/Reference	LOR	Unit				
% Moisture	1	%	65	46	49	51
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	69	71	66	63
13C5-PFPeA (surr.)	1	%	66	65	69	62
13C5-PFHxA (surr.)	1	%	68	71	72	69
13C4-PFHpA (surr.)	1	%	68	70	70	61
13C8-PFOA (surr.)	1	%	69	69	63	66
13C5-PFNA (surr.)	1	%	76	75	77	71
13C6-PFDA (surr.)	1	%	88	93	95	84
13C2-PFUnDA (surr.)	1	%	94	98	99	89
13C2-PFDoDA (surr.)	1	%	88	91	64	81
13C2-PFTeDA (surr.)	1	%	109	97	39	88
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	69	67	55	63

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Client Sample ID			SED1	SED2	SED3	SED4
Sample Matrix			Solid	Solid	Solid	Solid
Eurofins Sample No.			S22-Jn0055835	S22-Jn0055836	S22-Jn0055837	S22-Jn0055838
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
D3-N-MeFOSA (surr.)	1	%	70	68	57	63
D5-N-EtFOSA (surr.)	1	%	68	64	57	60
D7-N-MeFOSE (surr.)	1	%	70	68	57	63
D9-N-EtFOSE (surr.)	1	%	78	71	58	67
D5-N-EtFOSAA (surr.)	1	%	114	106	77	88
D3-N-MeFOSAA (surr.)	1	%	131	119	124	110
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	68	72	82	65
18O2-PFHxS (surr.)	1	%	72	72	74	71
13C8-PFOS (surr.)	1	%	72	75	88	70
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	74	86	93	96
13C2-6:2 FTSA (surr.)	1	%	85	80	81	78
13C2-8:2 FTSA (surr.)	1	%	94	97	105	85
13C2-10:2 FTSA (surr.)	1	%	109	105	103	111
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			SED5	SED6	SED7	SED8
Sample Matrix			Solid	Solid	Solid	Solid
Eurofins Sample No.			S22-Jn0055839	S22-Jn0055840	S22-Jn0055841	S22-Jn0055842
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
% Moisture	1	%	47	55	42	56

DRAFT

Client Sample ID			SED5	SED6	SED7	SED8
Sample Matrix			Solid	Solid	Solid	Solid
Eurofins Sample No.			S22-Jn0055839	S22-Jn0055840	S22-Jn0055841	S22-Jn0055842
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C4-PFBA (surr.)	1	%	58	69	71	68
13C5-PFPeA (surr.)	1	%	65	70	74	75
13C5-PFHxA (surr.)	1	%	66	71	71	79
13C4-PFHpA (surr.)	1	%	65	69	66	72
13C8-PFOA (surr.)	1	%	70	68	73	76
13C5-PFNA (surr.)	1	%	76	77	78	76
13C6-PFDA (surr.)	1	%	89	86	86	81
13C2-PFUnDA (surr.)	1	%	99	95	98	73
13C2-PFDoDA (surr.)	1	%	89	86	93	74
13C2-PFTeDA (surr.)	1	%	84	100	107	37
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C8-FOSA (surr.)	1	%	75	66	70	54
D3-N-MeFOSA (surr.)	1	%	74	62	69	59
D5-N-EtFOSA (surr.)	1	%	70	59	63	54
D7-N-MeFOSE (surr.)	1	%	74	62	69	59
D9-N-EtFOSE (surr.)	1	%	70	60	71	59
D5-N-EtFOSAA (surr.)	1	%	107	109	107	80
D3-N-MeFOSAA (surr.)	1	%	131	126	119	68
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	< 5
13C3-PFBS (surr.)	1	%	75	73	76	76

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Client Sample ID			SED5	SED6	SED7	SED8
Sample Matrix			Solid	Solid	Solid	Solid
Eurofins Sample No.			S22-Jn0055839	S22-Jn0055840	S22-Jn0055841	S22-Jn0055842
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
18O2-PFHxS (surr.)	1	%	73	70	72	72
13C8-PFOS (surr.)	1	%	77	77	84	75
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C2-4:2 FTSA (surr.)	1	%	94	98	81	139
13C2-6:2 FTSA (surr.)	1	%	93	89	84	127
13C2-8:2 FTSA (surr.)	1	%	90	97	101	78
13C2-10:2 FTSA (surr.)	1	%	114	122	57	34
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	< 10
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	< 50

Client Sample ID			SED9	SED10	D01_20220621	TRIP BLANK
Sample Matrix			Solid	Solid	Solid	Soil
Eurofins Sample No.			S22-Jn0055843	S22-Jn0055844	S22-Jn0055856	S22-Jn0055859
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Not Provided[I12]
Test/Reference	LOR	Unit				
% Moisture	1	%	44	33	46	-
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoropentanoic acid (PFPeA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorohexanoic acid (PFHxA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoroheptanoic acid (PFHpA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorononanoic acid (PFNA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorodecanoic acid (PFDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoroundecanoic acid (PFUnDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorododecanoic acid (PFDoDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorotridecanoic acid (PFTrDA)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluorotetradecanoic acid (PFTeDA)[N11]	5	ug/kg	< 5	< 5	< 5	-
13C4-PFBA (surr.)	1	%	69	76	73	-
13C5-PFPeA (surr.)	1	%	71	67	71	-
13C5-PFHxA (surr.)	1	%	73	75	73	-
13C4-PFHpA (surr.)	1	%	66	70	70	-
13C8-PFOA (surr.)	1	%	75	74	74	-
13C5-PFNA (surr.)	1	%	77	77	81	-
13C6-PFDA (surr.)	1	%	89	94	86	-
13C2-PFUnDA (surr.)	1	%	101	100	97	-

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Client Sample ID			SED9	SED10	D01_20220621	TRIP BLANK
Sample Matrix			Solid	Solid	Solid	Soil
Eurofins Sample No.			S22-Jn0055843	S22-Jn0055844	S22-Jn0055856	S22-Jn0055859
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Not Provided[I12]
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C2-PFDoDA (surr.)	1	%	88	88	89	-
13C2-PFTeDA (surr.)	1	%	90	83	96	-
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	-
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	5	ug/kg	< 5	< 5	< 5	-
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	-
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	10	ug/kg	< 10	< 10	< 10	-
13C8-FOSA (surr.)	1	%	67	67	68	-
D3-N-MeFOSA (surr.)	1	%	67	70	68	-
D5-N-EtFOSA (surr.)	1	%	69	68	62	-
D7-N-MeFOSE (surr.)	1	%	67	70	68	-
D9-N-EtFOSE (surr.)	1	%	71	65	68	-
D5-N-EtFOSAA (surr.)	1	%	81	105	107	-
D3-N-MeFOSAA (surr.)	1	%	127	133	123	-
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorononanesulfonic acid (PFNS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluoropropanesulfonic acid (PFPrS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluoropentanesulfonic acid (PFPeS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluoroheptanesulfonic acid (PFHpS)[N15]	5	ug/kg	< 5	< 5	< 5	-
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorodecanesulfonic acid (PFDS)[N15]	5	ug/kg	< 5	< 5	< 5	-
13C3-PFBS (surr.)	1	%	70	70	76	-
18O2-PFHxS (surr.)	1	%	75	74	75	-
13C8-PFOS (surr.)	1	%	74	72	78	-
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	-
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	5	ug/kg	< 5	< 5	< 5	-
13C2-4:2 FTSA (surr.)	1	%	81	76	78	-
13C2-6:2 FTSA (surr.)	1	%	80	77	79	-
13C2-8:2 FTSA (surr.)	1	%	95	94	101	-
13C2-10:2 FTSA (surr.)	1	%	94	100	90	-
PFASs Summations						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	-
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	-
Sum of WA DWER PFAS (n=10)*	10	ug/kg	< 10	< 10	< 10	-
Sum of PFASs (n=30)*	50	ug/kg	< 50	< 50	< 50	-

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Client Sample ID			SED9	SED10	D01_20220621	TRIP BLANK
Sample Matrix			**Solid**	**Solid**	**Solid**	**Soil**
Eurofins Sample No.			**S22-Jn0055843**	**S22-Jn0055844**	**S22-Jn0055856**	**S22-Jn0055859**
Date Sampled			**Jun 21, 2022**	**Jun 21, 2022**	**Jun 21, 2022**	**Not Provided**[I12]
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	-	-	-	< 0.1
Toluene	0.1	mg/kg	-	-	-	< 0.1
Ethylbenzene	0.1	mg/kg	-	-	-	< 0.1
m&p-Xylenes	0.2	mg/kg	-	-	-	< 0.2
o-Xylene	0.1	mg/kg	-	-	-	< 0.1
Xylenes - Total*	0.3	mg/kg	-	-	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	-	-	95

Client Sample ID			TRIP SPIKE
Sample Matrix			**Soil**
Eurofins Sample No.			**S22-Jn0055943**
Date Sampled			**Not Provided**[I12]
Test/Reference	LOR	Unit	
BTEX			
Benzene	1	%	100
Ethylbenzene	1	%	94
m&p-Xylenes	1	%	95
o-Xylene	1	%	96
Toluene	1	%	99
Xylenes - Total	1	%	95
4-Bromofluorobenzene (surr.)	1	%	92

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
% Moisture	Brisbane	Jun 24, 2022	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
BTEX	Sydney	Jun 24, 2022	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			

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Company Name: ERM Sydney
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Project Name: BRADFIELD
Project ID: 0571466

Order No.:
Report #: 900392
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 22, 2022 2:51 PM
Due: Jun 27, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail	CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254			X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217	X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794				X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079								
Perth Laboratory - NATA # 2377 Site # 2370								
External Laboratory								

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID							
1	SED1	Jun 21, 2022		Solid	S22-Jn0055835				X			X	
2	SED2	Jun 21, 2022		Solid	S22-Jn0055836				X			X	
3	SED3	Jun 21, 2022		Solid	S22-Jn0055837				X			X	
4	SED4	Jun 21, 2022		Solid	S22-Jn0055838				X			X	
5	SED5	Jun 21, 2022		Solid	S22-Jn0055839				X			X	
6	SED6	Jun 21, 2022		Solid	S22-				X			X	

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Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0055840								
7	SED7	Jun 21, 2022		Solid	S22-Jn0055841				X			X	
8	SED8	Jun 21, 2022		Solid	S22-Jn0055842				X			X	
9	SED9	Jun 21, 2022		Solid	S22-Jn0055843				X			X	
10	SED10	Jun 21, 2022		Solid	S22-Jn0055844				X			X	
11	SW1	Jun 21, 2022		Water	S22-Jn0055845			X		X	X	X	
12	SW2	Jun 21, 2022		Water	S22-Jn0055846			X		X	X	X	

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Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
13	SW3	Jun 21, 2022		Water	S22-Jn0055847	X							
14	SW4	Jun 21, 2022		Water	S22-Jn0055848			X		X	X	X	
15	SW5	Jun 21, 2022		Water	S22-Jn0055849			X		X	X	X	
16	SW6	Jun 21, 2022		Water	S22-Jn0055850			X		X	X	X	
17	SW7	Jun 21, 2022		Water	S22-Jn0055851			X		X	X	X	
18	SW8	Jun 21, 2022		Water	S22-Jn0055852			X		X	X	X	
19	SW9	Jun 21, 2022		Water	S22-			X		X	X	X	

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Project Name: BRADFIELD
Project ID: 0571466

Order No.:
Report #: 900392
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 22, 2022 2:51 PM
Due: Jun 27, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0055853								
20	SW10	Jun 21, 2022		Water	S22-Jn0055854			X		X	X	X	
21	D01_20220621	Jun 21, 2022		Water	S22-Jn0055855			X		X	X	X	
22	D01_20220621	Jun 21, 2022		Solid	S22-Jn0055856				X			X	
23	TRIP SPIKE	Jun 21, 2022		Water	S22-Jn0055857								X
24	TRIP BLANK	Jun 21, 2022		Water	S22-Jn0055858		X						
25	TRIP BLANK	Not Provided		Soil	S22-Jn0055859		X						

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Sample Detail						CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
26	TRIP SPIKE	Not Provided		Soil	S22-Jn0055943								X
Test Counts						1	2	10	11	10	10	21	2

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/kg	< 5			5	Pass	
Perfluoropentanoic acid (PFPeA)	ug/kg	< 5			5	Pass	
Perfluorohexanoic acid (PFHxA)	ug/kg	< 5			5	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Perfluorononanoic acid (PFNA)	ug/kg	< 5			5	Pass	
Perfluorodecanoic acid (PFDA)	ug/kg	< 5			5	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/kg	< 5			5	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/kg	< 5			5	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/kg	< 5			5	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	< 5			5	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/kg	< 5			5	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/kg	< 5			5	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/kg	< 5			5	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	ug/kg	< 5			5	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	ug/kg	< 5			5	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/kg	< 10			10	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/kg	< 10			10	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/kg	< 5			5	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/kg	< 5			5	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/kg	< 5			5	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	< 5			5	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/kg	< 5			5	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/kg	< 5			5	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/kg	< 5			5	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	90			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	93			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	96			50-150	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroheptanoic acid (PFHpA)	%	90			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	86			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	94			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	111			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	103			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	100			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	146			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	104			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	95			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	98			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	100			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	%	132			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	%	93			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	83			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	93			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	97			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	104			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	97			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	97			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	99			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	116			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	98			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	93			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	99			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	97			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	84			50-150	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	81			70-130	Pass	
Toluene	%	79			70-130	Pass	
Ethylbenzene	%	76			70-130	Pass	
m&p-Xylenes	%	77			70-130	Pass	
o-Xylene	%	77			70-130	Pass	
Xylenes - Total*	%	77			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Jn0054923	NCP	%	92			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0054923	NCP	%	104			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0054923	NCP	%	97			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0054923	NCP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0054923	NCP	%	92			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0054923	NCP	%	97			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0054923	NCP	%	115			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0054923	NCP	%	112			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorododecanoic acid (PFDoDA)	S22-Jn0054923	NCP	%	100			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0054923	NCP	%	124			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0054923	NCP	%	62			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Jn0054923	NCP	%	98			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0054923	NCP	%	97			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0054923	NCP	%	105			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0054923	NCP	%	117			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0054923	NCP	%	92			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0054923	NCP	%	123			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0054923	NCP	%	93			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0054923	NCP	%	93			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0054923	NCP	%	98			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0054923	NCP	%	88			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0054923	NCP	%	87			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0054923	NCP	%	93			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0054923	NCP	%	101			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0054923	NCP	%	88			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0054923	NCP	%	85			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0054923	NCP	%	98			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0054923	NCP	%	103			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0054923	NCP	%	87			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0054923	NCP	%	51			50-150	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S22-Jn0056069	NCP	%	74			70-130	Pass	
Toluene	S22-Jn0056069	NCP	%	77			70-130	Pass	
Ethylbenzene	S22-Jn0056069	NCP	%	80			70-130	Pass	
m&p-Xylenes	S22-Jn0056069	NCP	%	82			70-130	Pass	
o-Xylene	S22-Jn0056069	NCP	%	78			70-130	Pass	
Xylenes - Total*	S22-Jn0056069	NCP	%	81			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0055837	CP	ug/kg	< 10	< 10	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0055837	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	

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Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0055837	CP	ug/kg	< 10	< 10	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0055837	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S22-Jn0055842	CP	%	56	60	7.0	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	N22-Jn0045930	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	N22-Jn0045930	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	N22-Jn0045930	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	N22-Jn0045930	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	N22-Jn0045930	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	N22-Jn0045930	NCP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
I12	Where sampling date has not been provided, Eurofins | Environment Testing is not able to determine whether analysis has been performed within recommended holding times.
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).

Authorised by:

Emma Beesley	Analytical Services Manager
Jonathon Angell	Senior Analyst-PFAS
Jonathon Angell	Senior Analyst-Sample Properties
Roopesh Rangarajan	Senior Analyst-Volatile

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
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Attention: **Nicholas Grbich**

Report **900392-W**
Project name BRADFIELD
Project ID 0571466
Received Date Jun 22, 2022

Client Sample ID			**SW1**	**SW2**	**SW4**	**SW5**
Sample Matrix			**Water**	**Water**	**Water**	**Water**
Eurofins Sample No.			**S22-Jn0055845**	**S22-Jn0055846**	**S22-Jn0055848**	**S22-Jn0055849**
Date Sampled			**Jun 21, 2022**	**Jun 21, 2022**	**Jun 21, 2022**	**Jun 21, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2)[N01]	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
BTEX						
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	0.005	0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	74	67	73	67
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

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Client Sample ID			SW1	SW2	SW4	SW5
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055845	S22-Jn0055846	S22-Jn0055848	S22-Jn0055849
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	0.005	0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	0.005	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	74	67	73	67
Toluene-d8 (surr.)	1	%	76	69	77	68

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Client Sample ID			SW1	SW2	SW4	SW5
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055845	S22-Jn0055846	S22-Jn0055848	S22-Jn0055849
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	55	55	82	99
p-Terphenyl-d14 (surr.)	1	%	76	78	72	84
Organochlorine Pesticides						
Chlordanes - Total	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
4.4'-DDD	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
4.4'-DDE	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
4.4'-DDT	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
a-HCH	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Aldrin	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
b-HCH	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
d-HCH	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dieldrin	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endosulfan I	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endosulfan II	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endosulfan sulphate	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endrin	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endrin aldehyde	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endrin ketone	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
g-HCH (Lindane)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Heptachlor	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Heptachlor epoxide	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Hexachlorobenzene	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Methoxychlor	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Toxaphene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Dibutylchlorendate (surr.)	1	%	62	65	81	70
Tetrachloro-m-xylene (surr.)	1	%	85	82	72	87

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Client Sample ID			SW1	SW2	SW4	SW5
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055845	S22-Jn0055846	S22-Jn0055848	S22-Jn0055849
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Bolstar	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Chlorpyrifos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Chlorpyrifos-methyl	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Coumaphos	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Demeton-S	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Demeton-O	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Diazinon	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Dichlorvos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Dimethoate	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Disulfoton	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
EPN	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ethion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ethoprop	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ethyl parathion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Fenitrothion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Fensulfothion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Fenthion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Malathion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Merphos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methyl parathion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Mevinphos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Monocrotophos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Naled	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Omethoate	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Phorate	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Pirimiphos-methyl	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Pyrazophos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ronnel	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Terbufos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Tetrachlorvinphos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Tokuthion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Trichloronate	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Triphenylphosphate (surr.)	1	%	59	64	53	65
Semivolatile Organics						
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005

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Client Sample ID			SW1	SW2	SW4	SW5
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055845	S22-Jn0055846	S22-Jn0055848	S22-Jn0055849
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	55	55	82	99
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4.6-Tribromophenol (surr.)	1	%	88	68	88	106
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

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Client Sample ID			SW1	SW2	SW4	SW5
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055845	S22-Jn0055846	S22-Jn0055848	S22-Jn0055849
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Nitrobenzene	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene-d5 (surr.)	1	%	72	51	57	70
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	37	33	36	42
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	< 0.001	0.004	0.001
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Copper (filtered)	0.001	mg/L	0.023	0.002	0.040	0.009
Lead (filtered)	0.001	mg/L	0.003	< 0.001	0.004	< 0.001

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Client Sample ID			SW1	SW2	SW4	SW5
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055845	S22-Jn0055846	S22-Jn0055848	S22-Jn0055849
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Heavy Metals						
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.006	0.002	0.009	0.008
Zinc (filtered)	0.005	mg/L	0.042	< 0.005	0.079	0.052
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Perfluoropentanoic acid (PFPeA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanoic acid (PFHxA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroheptanoic acid (PFHpA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanoic acid (PFNA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanoic acid (PFDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroundecanoic acid (PFUnDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorododecanoic acid (PFDoDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotridecanoic acid (PFTrDA)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotetradecanoic acid (PFTeDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C4-PFBA (surr.)	1	%	85	61	57	49
13C5-PFPeA (surr.)	1	%	86	63	58	45
13C5-PFHxA (surr.)	1	%	121	91	78	67
13C4-PFHpA (surr.)	1	%	143	125	111	98
13C8-PFOA (surr.)	1	%	156	139	131	119
13C5-PFNA (surr.)	1	%	149	138	125	121
13C6-PFDA (surr.)	1	%	135	125	98	112
13C2-PFUnDA (surr.)	1	%	142	131	101	116
13C2-PFDoDA (surr.)	1	%	97	82	60	68
13C2-PFTeDA (surr.)	1	%	86	66	57	61
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
13C8-FOSA (surr.)	1	%	86	81	69	71
D3-N-MeFOSA (surr.)	1	%	52	39	31	38
D5-N-EtFOSA (surr.)	1	%	49	37	28	34
D7-N-MeFOSE (surr.)	1	%	52	39	31	38
D9-N-EtFOSE (surr.)	1	%	50	34	26	37
D5-N-EtFOSAA (surr.)	1	%	113	121	78	95
D3-N-MeFOSAA (surr.)	1	%	110	112	72	94
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanesulfonic acid (PFNS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropropanesulfonic acid (PFPrS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropentanesulfonic acid (PFPeS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	[N09]0.01	< 0.01	< 0.01

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Client Sample ID			SW1	SW2	SW4	SW5
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055845	S22-Jn0055846	S22-Jn0055848	S22-Jn0055849
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluoroheptanesulfonic acid (PFHpS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	[N09]0.01	< 0.01	< 0.01
Perfluorodecanesulfonic acid (PFDS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C3-PFBS (surr.)	1	%	127	121	116	120
18O2-PFHxS (surr.)	1	%	121	111	104	106
13C8-PFOS (surr.)	1	%	117	103	91	94
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C2-4:2 FTSA (surr.)	1	%	101	100	67	76
13C2-6:2 FTSA (surr.)	1	%	133	145	95	111
13C2-8:2 FTSA (surr.)	1	%	133	115	82	96
13C2-10:2 FTSA (surr.)	1	%	114	107	64	82
PFASs Summations						
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	0.02	< 0.01	< 0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	0.01	< 0.01	< 0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	0.02	< 0.01	< 0.01
Sum of WA DWER PFAS (n=10)*	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Sum of PFASs (n=30)*	0.1	ug/L	< 0.1	< 0.1	< 0.1	< 0.1

Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH C6-C10	0.02	mg/L	0.03	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	0.03	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2)[N01]	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1

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Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	68	72	72	68
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

DRAFT

Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	68	72	72	68
Toluene-d8 (surr.)	1	%	67	72	76	69
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	63	100	106	81
p-Terphenyl-d14 (surr.)	1	%	69	65	85	52
Organochlorine Pesticides						
Chlordanes - Total	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
4.4'-DDD	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
4.4'-DDE	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
4.4'-DDT	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
a-HCH	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Aldrin	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
b-HCH	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
d-HCH	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dieldrin	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endosulfan I	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endosulfan II	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002

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Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endosulfan sulphate	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endrin	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endrin aldehyde	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Endrin ketone	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
g-HCH (Lindane)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Heptachlor	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Heptachlor epoxide	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Hexachlorobenzene	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Methoxychlor	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Toxaphene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Dibutylchlorendate (surr.)	1	%	55	53	75	76
Tetrachloro-m-xylene (surr.)	1	%	64	73	90	60
Organophosphorus Pesticides						
Azinphos-methyl	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Bolstar	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Chlorpyrifos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Chlorpyrifos-methyl	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Coumaphos	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Demeton-S	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Demeton-O	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Diazinon	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Dichlorvos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Dimethoate	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Disulfoton	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
EPN	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ethion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ethoprop	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ethyl parathion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Fenitrothion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Fensulfothion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Fenthion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Malathion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Merphos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methyl parathion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Mevinphos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Monocrotophos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Naled	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Omethoate	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Phorate	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Pirimiphos-methyl	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Pyrazophos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Ronnel	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Terbufos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Tetrachlorvinphos	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002

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Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Tokuthion	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Trichloronate	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Triphenylphosphate (surr.)	1	%	51	52	70	78
Semivolatile Organics						
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	63	100	106	81
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4.6-Tribromophenol (surr.)	1	%	68	108	114	88
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

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Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

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Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene-d5 (surr.)	1	%	55	55	75	84
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	34	32	85	26
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	< 0.001	0.001	< 0.001
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Copper (filtered)	0.001	mg/L	0.015	0.007	0.026	0.012
Lead (filtered)	0.001	mg/L	0.001	< 0.001	0.002	0.001
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.011	0.003	0.006	0.006
Zinc (filtered)	0.005	mg/L	0.042	0.027	0.046	0.094
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Perfluoropentanoic acid (PFPeA)[N11]	0.01	ug/L	< 0.01	< 0.01	0.02	< 0.01
Perfluorohexanoic acid (PFHxA)[N11]	0.01	ug/L	< 0.01	< 0.01	0.02	< 0.01
Perfluoroheptanoic acid (PFHpA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanoic acid (PFNA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanoic acid (PFDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroundecanoic acid (PFUnDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorododecanoic acid (PFDoDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotridecanoic acid (PFTrDA)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotetradecanoic acid (PFTeDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C4-PFBA (surr.)	1	%	56	70	64	68
13C5-PFPeA (surr.)	1	%	54	70	56	70
13C5-PFHxA (surr.)	1	%	79	89	73	96
13C4-PFHpA (surr.)	1	%	103	111	99	124
13C8-PFOA (surr.)	1	%	123	127	115	137
13C5-PFNA (surr.)	1	%	127	124	118	129
13C6-PFDA (surr.)	1	%	113	116	103	114
13C2-PFUnDA (surr.)	1	%	121	126	119	120
13C2-PFDoDA (surr.)	1	%	74	91	71	76
13C2-PFTeDA (surr.)	1	%	59	54	62	76
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			SW6	SW7	SW8	SW9
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055850	S22-Jn0055851	S22-Jn0055852	S22-Jn0055853
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
13C8-FOSA (surr.)	1	%	61	66	73	77
D3-N-MeFOSA (surr.)	1	%	35	44	41	43
D5-N-EtFOSA (surr.)	1	%	32	40	36	40
D7-N-MeFOSE (surr.)	1	%	35	44	41	43
D9-N-EtFOSE (surr.)	1	%	35	41	36	41
D5-N-EtFOSAA (surr.)	1	%	100	97	98	89
D3-N-MeFOSAA (surr.)	1	%	92	86	98	86
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanesulfonic acid (PFNS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropropanesulfonic acid (PFPrS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropentanesulfonic acid (PFPeS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroheptanesulfonic acid (PFHpS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	[N09]0.01
Perfluorodecanesulfonic acid (PFDS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C3-PFBS (surr.)	1	%	108	99	116	109
18O2-PFHxS (surr.)	1	%	98	96	100	103
13C8-PFOS (surr.)	1	%	92	96	92	94
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C2-4:2 FTSA (surr.)	1	%	73	74	74	79
13C2-6:2 FTSA (surr.)	1	%	125	116	115	96
13C2-8:2 FTSA (surr.)	1	%	114	102	96	87
13C2-10:2 FTSA (surr.)	1	%	106	93	98	77
PFASs Summations						
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	0.01
Sum of WA DWER PFAS (n=10)*	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Sum of PFASs (n=30)*	0.1	ug/L	< 0.1	< 0.1	< 0.1	< 0.1

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	-	-
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	-	-
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	-	-
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	-	-
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	-	-
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	-	-
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	-	-
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	-	-
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	-	-
TRH >C10-C16 less Naphthalene (F2)[N01]	0.05	mg/L	< 0.05	< 0.05	-	-
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	-	-
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	-	-
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	-	-
BTEX						
Benzene	0.001	mg/L	< 0.001	< 0.001	-	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	-	< 0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	-	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	-	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001	-	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	-	< 0.003
4-Bromofluorobenzene (surr.)	1	%	68	71	-	78
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	-	-
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	-	-
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	-	-
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	-	-
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	-	-
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	-	-
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	-	-
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	-	-
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	-	-
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	-	-
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	-	-
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	-	-
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	-	-
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	-	-
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	-	-
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	-	-
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	-	-
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	-	-
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	-	-
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	-	-
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	-	-
Benzene	0.001	mg/L	< 0.001	< 0.001	-	-
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	-	-
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	-	-
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	-	-
Bromoform	0.001	mg/L	< 0.001	< 0.001	-	-
Bromomethane	0.005	mg/L	< 0.005	< 0.005	-	-

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	-	-
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	-	-
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	-	-
Chloroethane	0.005	mg/L	< 0.005	< 0.005	-	-
Chloroform	0.005	mg/L	< 0.005	< 0.005	-	-
Chloromethane	0.005	mg/L	< 0.005	< 0.005	-	-
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	-	-
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	-	-
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	-	-
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	-	-
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	-	-
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	-	-
Iodomethane	0.001	mg/L	< 0.001	< 0.001	-	-
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	-	-
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	-	-
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	-	-
o-Xylene	0.001	mg/L	< 0.001	< 0.001	-	-
Styrene	0.001	mg/L	< 0.001	< 0.001	-	-
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	-	-
Toluene	0.001	mg/L	< 0.001	< 0.001	-	-
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	-	-
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	-	-
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	-	-
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	-	-
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	-	-
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	-	-
Total MAH*	0.003	mg/L	< 0.003	< 0.003	-	-
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	-	-
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	-	-
4-Bromofluorobenzene (surr.)	1	%	68	71	-	-
Toluene-d8 (surr.)	1	%	67	74	-	-
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	-	-
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	-	-
Anthracene	0.001	mg/L	< 0.001	< 0.001	-	-
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	-	-
Chrysene	0.001	mg/L	< 0.001	< 0.001	-	-
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	-	-
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	-	-
Fluorene	0.001	mg/L	< 0.001	< 0.001	-	-
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	-	-
Naphthalene	0.001	mg/L	< 0.001	< 0.001	-	-
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	-	-
Pyrene	0.001	mg/L	< 0.001	< 0.001	-	-
Total PAH*	0.001	mg/L	< 0.001	< 0.001	-	-

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
2-Fluorobiphenyl (surr.)	1	%	77	87	-	-
p-Terphenyl-d14 (surr.)	1	%	61	77	-	-
Organochlorine Pesticides						
Chlordanes - Total	0.002	mg/L	< 0.002	< 0.002	-	-
4.4'-DDD	0.0002	mg/L	< 0.0002	< 0.0002	-	-
4.4'-DDE	0.0002	mg/L	< 0.0002	< 0.0002	-	-
4.4'-DDT	0.0002	mg/L	< 0.0002	< 0.0002	-	-
a-HCH	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Aldrin	0.0002	mg/L	< 0.0002	< 0.0002	-	-
b-HCH	0.0002	mg/L	< 0.0002	< 0.0002	-	-
d-HCH	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Dieldrin	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Endosulfan I	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Endosulfan II	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Endosulfan sulphate	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Endrin	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Endrin aldehyde	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Endrin ketone	0.0002	mg/L	< 0.0002	< 0.0002	-	-
g-HCH (Lindane)	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Heptachlor	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Heptachlor epoxide	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Hexachlorobenzene	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Methoxychlor	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Toxaphene	0.005	mg/L	< 0.005	< 0.005	-	-
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.0002	< 0.0002	-	-
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	-	-
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	-	-
Dibutylchlorendate (surr.)	1	%	88	56	-	-
Tetrachloro-m-xylene (surr.)	1	%	66	86	-	-
Organophosphorus Pesticides						
Azinphos-methyl	0.002	mg/L	< 0.002	< 0.002	-	-
Bolstar	0.002	mg/L	< 0.002	< 0.002	-	-
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02	-	-
Chlorpyrifos	0.002	mg/L	< 0.002	< 0.002	-	-
Chlorpyrifos-methyl	0.002	mg/L	< 0.002	< 0.002	-	-
Coumaphos	0.02	mg/L	< 0.02	< 0.02	-	-
Demeton-S	0.002	mg/L	< 0.002	< 0.002	-	-
Demeton-O	0.002	mg/L	< 0.002	< 0.002	-	-
Diazinon	0.002	mg/L	< 0.002	< 0.002	-	-
Dichlorvos	0.002	mg/L	< 0.002	< 0.002	-	-
Dimethoate	0.002	mg/L	< 0.002	< 0.002	-	-
Disulfoton	0.002	mg/L	< 0.002	< 0.002	-	-
EPN	0.002	mg/L	< 0.002	< 0.002	-	-
Ethion	0.002	mg/L	< 0.002	< 0.002	-	-
Ethoprop	0.002	mg/L	< 0.002	< 0.002	-	-
Ethyl parathion	0.002	mg/L	< 0.002	< 0.002	-	-
Fenitrothion	0.002	mg/L	< 0.002	< 0.002	-	-
Fensulfothion	0.002	mg/L	< 0.002	< 0.002	-	-

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Fenthion	0.002	mg/L	< 0.002	< 0.002	-	-
Malathion	0.002	mg/L	< 0.002	< 0.002	-	-
Merphos	0.002	mg/L	< 0.002	< 0.002	-	-
Methyl parathion	0.002	mg/L	< 0.002	< 0.002	-	-
Mevinphos	0.002	mg/L	< 0.002	< 0.002	-	-
Monocrotophos	0.002	mg/L	< 0.002	< 0.002	-	-
Naled	0.002	mg/L	< 0.002	< 0.002	-	-
Omethoate	0.02	mg/L	< 0.02	< 0.02	-	-
Phorate	0.002	mg/L	< 0.002	< 0.002	-	-
Pirimiphos-methyl	0.02	mg/L	< 0.02	< 0.02	-	-
Pyrazophos	0.002	mg/L	< 0.002	< 0.002	-	-
Ronnel	0.002	mg/L	< 0.002	< 0.002	-	-
Terbufos	0.002	mg/L	< 0.002	< 0.002	-	-
Tetrachlorvinphos	0.002	mg/L	< 0.002	< 0.002	-	-
Tokuthion	0.002	mg/L	< 0.002	< 0.002	-	-
Trichloronate	0.002	mg/L	< 0.002	< 0.002	-	-
Triphenylphosphate (surr.)	1	%	85	58	-	-
Semivolatile Organics						
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	-	-
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	-	-
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	-	-
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	-	-
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	-	-
2-Fluorobiphenyl (surr.)	1	%	77	87	-	-
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	-	-
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	-	-
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	-	-
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	-	-
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	-	-
2-Picoline	0.005	mg/L	< 0.005	< 0.005	-	-
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	-	-
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	-	-
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	-	-
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	-	-
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	-	-
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	-	-
2.4.6-Tribromophenol (surr.)	1	%	83	93	-	-
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	-	-
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	-	-
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	-	-

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	-	-
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	-	-
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	-	-
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	-	-
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	-	-
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	-	-
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	-	-
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	-	-
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	-	-
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	-	-
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	-	-
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	-	-
a-HCH	0.005	mg/L	< 0.005	< 0.005	-	-
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	-	-
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	-	-
Acetophenone	0.005	mg/L	< 0.005	< 0.005	-	-
Aldrin	0.005	mg/L	< 0.005	< 0.005	-	-
Aniline	0.005	mg/L	< 0.005	< 0.005	-	-
Anthracene	0.001	mg/L	< 0.001	< 0.001	-	-
b-HCH	0.005	mg/L	< 0.005	< 0.005	-	-
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	-	-
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	-	-
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	-	-
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	-	-
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	-	-
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	-	-
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	-	-
Chrysene	0.001	mg/L	< 0.001	< 0.001	-	-
d-HCH	0.005	mg/L	< 0.005	< 0.005	-	-
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	-	-
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	-	-
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	-	-
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	-	-
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	-	-
Dieldrin	0.005	mg/L	< 0.005	< 0.005	-	-
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	-	-
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	-	-
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	-	-
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	-	-
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	-	-
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	-	-
Endrin	0.005	mg/L	< 0.005	< 0.005	-	-
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	-	-
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	-	-
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	-	-

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.001	mg/L	< 0.001	< 0.001	-	-
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	-	-
Heptachlor	0.005	mg/L	< 0.005	< 0.005	-	-
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	-	-
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	-	-
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	-	-
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	-	-
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	-	-
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	-	-
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	-	-
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	-	-
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	-	-
Naphthalene	0.001	mg/L	< 0.001	< 0.001	-	-
Nitrobenzene	0.05	mg/L	< 0.05	< 0.05	-	-
Nitrobenzene-d5 (surr.)	1	%	91	62	-	-
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	-	-
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	-	-
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	-	-
Phenol	0.003	mg/L	< 0.003	< 0.003	-	-
Phenol-d6 (surr.)	1	%	30	39	-	-
Pronamide	0.005	mg/L	< 0.005	< 0.005	-	-
Pyrene	0.001	mg/L	< 0.001	< 0.001	-	-
Trifluralin	0.005	mg/L	< 0.005	< 0.005	-	-
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	< 0.001	-	-
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	-	-
Chromium (filtered)	0.001	mg/L	< 0.001	< 0.001	-	-
Copper (filtered)	0.001	mg/L	0.010	0.010	-	-
Lead (filtered)	0.001	mg/L	0.001	0.001	-	-
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	-	-
Nickel (filtered)	0.001	mg/L	0.012	0.012	-	-
Zinc (filtered)	0.005	mg/L	0.056	0.054	-	-
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
Perfluoropentanoic acid (PFPeA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorohexanoic acid (PFHxA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluoroheptanoic acid (PFHpA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorononanoic acid (PFNA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorodecanoic acid (PFDA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluoroundecanoic acid (PFUnDA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorododecanoic acid (PFDoDA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorotridecanoic acid (PFTrDA)[N15]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorotetradecanoic acid (PFTeDA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
13C4-PFBA (surr.)	1	%	75	61	-	-
13C5-PFPeA (surr.)	1	%	72	61	-	-
13C5-PFHxA (surr.)	1	%	100	85	-	-

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C4-PFHpA (surr.)	1	%	127	111	-	-
13C8-PFOA (surr.)	1	%	135	135	-	-
13C5-PFNA (surr.)	1	%	131	128	-	-
13C6-PFDA (surr.)	1	%	112	109	-	-
13C2-PFUnDA (surr.)	1	%	117	114	-	-
13C2-PFDoDA (surr.)	1	%	76	71	-	-
13C2-PFTeDA (surr.)	1	%	58	60	-	-
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
13C8-FOSA (surr.)	1	%	80	73	-	-
D3-N-MeFOSA (surr.)	1	%	39	34	-	-
D5-N-EtFOSA (surr.)	1	%	37	29	-	-
D7-N-MeFOSE (surr.)	1	%	39	34	-	-
D9-N-EtFOSE (surr.)	1	%	36	29	-	-
D5-N-EtFOSAA (surr.)	1	%	85	99	-	-
D3-N-MeFOSAA (surr.)	1	%	83	101	-	-
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorononanesulfonic acid (PFNS)[N15]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluoropropanesulfonic acid (PFPrS)[N15]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluoropentanesulfonic acid (PFPeS)[N15]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	[N09]0.01	-	-
Perfluoroheptanesulfonic acid (PFHpS)[N15]	0.01	ug/L	< 0.01	< 0.01	-	-
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	[N09]0.02	[N09]0.01	-	-
Perfluorodecanesulfonic acid (PFDS)[N15]	0.01	ug/L	< 0.01	< 0.01	-	-
13C3-PFBS (surr.)	1	%	115	109	-	-
18O2-PFHxS (surr.)	1	%	104	101	-	-
13C8-PFOS (surr.)	1	%	102	97	-	-
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05	-	-
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	-	-
13C2-4:2 FTSA (surr.)	1	%	75	84	-	-
13C2-6:2 FTSA (surr.)	1	%	108	133	-	-
13C2-8:2 FTSA (surr.)	1	%	110	111	-	-
13C2-10:2 FTSA (surr.)	1	%	86	102	-	-

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Client Sample ID			SW10	D01_20220621	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0055854	S22-Jn0055855	S22-Jn0055857	S22-Jn0055858
Date Sampled			Jun 21, 2022	Jun 21, 2022	Jun 21, 2022	Jun 21, 2022
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	0.01	ug/L	0.02	0.02	-	-
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	0.02	0.01	-	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	0.02	0.02	-	-
Sum of WA DWER PFAS (n=10)*	0.05	ug/L	< 0.05	< 0.05	-	-
Sum of PFASs (n=30)*	0.1	ug/L	< 0.1	< 0.1	-	-
BTEX						
Benzene	1	%	-	-	96	-
Ethylbenzene	1	%	-	-	86	-
m&p-Xylenes	1	%	-	-	91	-
o-Xylene	1	%	-	-	85	-
Toluene	1	%	-	-	88	-
Xylenes - Total	1	%	-	-	87	-
4-Bromofluorobenzene (surr.)	1	%	-	-	86	-

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Melbourne	Jun 28, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 24, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Jun 28, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jun 24, 2022	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Polycyclic Aromatic Hydrocarbons	Melbourne	Jun 25, 2022	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8 filtered	Sydney	Jun 27, 2022	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Volatile Organics	Sydney	Jun 24, 2022	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Melbourne	Jun 25, 2022	7 Days
- Method: USEPA SW 846 8270			
Suite B14: OCP/OPP			
Organochlorine Pesticides	Melbourne	Jun 25, 2022	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8270)			
Organophosphorus Pesticides	Melbourne	Jun 25, 2022	7 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS (USEPA 8270)			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jun 27, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Project Name: BRADFIELD
Project ID: 0571466

Order No.:
Report #: 900392
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 22, 2022 2:51 PM
Due: Jun 27, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail	CANCELLED	BTEX	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B7 (filtered metals)	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEX
Melbourne Laboratory - NATA # 1261 Site # 1254			X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217	X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794				X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079								
Perth Laboratory - NATA # 2377 Site # 2370								
External Laboratory								

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID							
1	SED1	Jun 21, 2022		Solid	S22-Jn0055835				X			X	
2	SED2	Jun 21, 2022		Solid	S22-Jn0055836				X			X	
3	SED3	Jun 21, 2022		Solid	S22-Jn0055837				X			X	
4	SED4	Jun 21, 2022		Solid	S22-Jn0055838				X			X	
5	SED5	Jun 21, 2022		Solid	S22-Jn0055839				X			X	
6	SED6	Jun 21, 2022		Solid	S22-				X			X	

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Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0055840								
7	SED7	Jun 21, 2022		Solid	S22-Jn0055841				X			X	
8	SED8	Jun 21, 2022		Solid	S22-Jn0055842				X			X	
9	SED9	Jun 21, 2022		Solid	S22-Jn0055843				X			X	
10	SED10	Jun 21, 2022		Solid	S22-Jn0055844				X			X	
11	SW1	Jun 21, 2022		Water	S22-Jn0055845			X		X	X	X	
12	SW2	Jun 21, 2022		Water	S22-Jn0055846			X		X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
13	SW3	Jun 21, 2022		Water	S22-Jn0055847	X							
14	SW4	Jun 21, 2022		Water	S22-Jn0055848			X		X	X	X	
15	SW5	Jun 21, 2022		Water	S22-Jn0055849			X		X	X	X	
16	SW6	Jun 21, 2022		Water	S22-Jn0055850			X		X	X	X	
17	SW7	Jun 21, 2022		Water	S22-Jn0055851			X		X	X	X	
18	SW8	Jun 21, 2022		Water	S22-Jn0055852			X		X	X	X	
19	SW9	Jun 21, 2022		Water	S22-			X		X	X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
					Jn0055853								
20	SW10	Jun 21, 2022		Water	S22-Jn0055854			X		X	X	X	
21	D01_20220621	Jun 21, 2022		Water	S22-Jn0055855			X		X	X	X	
22	D01_20220621	Jun 21, 2022		Solid	S22-Jn0055856				X			X	
23	TRIP SPIKE	Jun 21, 2022		Water	S22-Jn0055857								X
24	TRIP BLANK	Jun 21, 2022		Water	S22-Jn0055858		X						
25	TRIP BLANK	Not Provided		Soil	S22-Jn0055859		X						

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Melbourne Laboratory - NATA # 1261 Site # 1254								X		X	X		
Sydney Laboratory - NATA # 1261 Site # 18217						X	X			X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794									X			X	
Mayfield Laboratory - NATA # 1261 Site # 25079													
Perth Laboratory - NATA # 2377 Site # 2370													
External Laboratory													
26	TRIP SPIKE	Not Provided		Soil	S22-Jn0055943								X
Test Counts						1	2	10	11	10	10	21	2

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

.

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/L	< 0.002			0.002	Pass	
4.4'-DDD	mg/L	< 0.0002			0.0002	Pass	
4.4'-DDE	mg/L	< 0.0002			0.0002	Pass	
4.4'-DDT	mg/L	< 0.0002			0.0002	Pass	
a-HCH	mg/L	< 0.0002			0.0002	Pass	
Aldrin	mg/L	< 0.0002			0.0002	Pass	
b-HCH	mg/L	< 0.0002			0.0002	Pass	
d-HCH	mg/L	< 0.0002			0.0002	Pass	
Dieldrin	mg/L	< 0.0002			0.0002	Pass	
Endosulfan I	mg/L	< 0.0002			0.0002	Pass	
Endosulfan II	mg/L	< 0.0002			0.0002	Pass	
Endosulfan sulphate	mg/L	< 0.0002			0.0002	Pass	
Endrin	mg/L	< 0.0002			0.0002	Pass	
Endrin aldehyde	mg/L	< 0.0002			0.0002	Pass	
Endrin ketone	mg/L	< 0.0002			0.0002	Pass	
g-HCH (Lindane)	mg/L	< 0.0002			0.0002	Pass	
Heptachlor	mg/L	< 0.0002			0.0002	Pass	
Heptachlor epoxide	mg/L	< 0.0002			0.0002	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobenzene	mg/L	< 0.0002			0.0002	Pass	
Methoxychlor	mg/L	< 0.0002			0.0002	Pass	
Toxaphene	mg/L	< 0.005			0.005	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/L	< 0.002			0.002	Pass	
Bolstar	mg/L	< 0.002			0.002	Pass	
Chlorfenvinphos	mg/L	< 0.02			0.02	Pass	
Chlorpyrifos	mg/L	< 0.002			0.002	Pass	
Chlorpyrifos-methyl	mg/L	< 0.002			0.002	Pass	
Coumaphos	mg/L	< 0.02			0.02	Pass	
Demeton-S	mg/L	< 0.002			0.002	Pass	
Demeton-O	mg/L	< 0.002			0.002	Pass	
Diazinon	mg/L	< 0.002			0.002	Pass	
Dichlorvos	mg/L	< 0.002			0.002	Pass	
Dimethoate	mg/L	< 0.002			0.002	Pass	
Disulfoton	mg/L	< 0.002			0.002	Pass	
EPN	mg/L	< 0.002			0.002	Pass	
Ethion	mg/L	< 0.002			0.002	Pass	
Ethoprop	mg/L	< 0.002			0.002	Pass	
Ethyl parathion	mg/L	< 0.002			0.002	Pass	
Fenitrothion	mg/L	< 0.002			0.002	Pass	
Fensulfothion	mg/L	< 0.002			0.002	Pass	
Fenthion	mg/L	< 0.002			0.002	Pass	
Malathion	mg/L	< 0.002			0.002	Pass	
Merphos	mg/L	< 0.002			0.002	Pass	
Methyl parathion	mg/L	< 0.002			0.002	Pass	
Mevinphos	mg/L	< 0.002			0.002	Pass	
Monocrotophos	mg/L	< 0.002			0.002	Pass	
Naled	mg/L	< 0.002			0.002	Pass	
Omethoate	mg/L	< 0.02			0.02	Pass	
Phorate	mg/L	< 0.002			0.002	Pass	
Pirimiphos-methyl	mg/L	< 0.02			0.02	Pass	
Pyrazophos	mg/L	< 0.002			0.002	Pass	
Ronnel	mg/L	< 0.002			0.002	Pass	
Terbufos	mg/L	< 0.002			0.002	Pass	
Tetrachlorvinphos	mg/L	< 0.002			0.002	Pass	
Tokuthion	mg/L	< 0.002			0.002	Pass	
Trichloronate	mg/L	< 0.002			0.002	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/L	< 0.05			0.05	Pass	
Perfluoropentanoic acid (PFPeA)	ug/L	< 0.01			0.01	Pass	
Perfluorohexanoic acid (PFHxA)	ug/L	< 0.01			0.01	Pass	
Perfluoroheptanoic acid (PFHpA)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanoic acid (PFOA)	ug/L	< 0.01			0.01	Pass	
Perfluorononanoic acid (PFNA)	ug/L	< 0.01			0.01	Pass	
Perfluorodecanoic acid (PFDA)	ug/L	< 0.01			0.01	Pass	
Perfluoroundecanoic acid (PFUnDA)	ug/L	< 0.01			0.01	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/L	< 0.01			0.01	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/L	< 0.01			0.01	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/L	< 0.01			0.01	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/L	< 0.05			0.05	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/L	< 0.05			0.05	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/L	< 0.05			0.05	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	ug/L	< 0.05			0.05	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	ug/L	< 0.05			0.05	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/L	< 0.05			0.05	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/L	< 0.05			0.05	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/L	< 0.01			0.01	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/L	< 0.01			0.01	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoropropanesulfonic acid (PFPrS)	ug/L	< 0.01			0.01	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/L	< 0.01			0.01	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/L	< 0.01			0.01	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/L	< 0.01			0.01	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/L	< 0.01			0.01	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/L	< 0.01			0.01	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/L	< 0.05			0.05	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/L	< 0.01			0.01	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/L	< 0.01			0.01	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	99			70-130	Pass	
TRH C10-C14	%	119			70-130	Pass	
Naphthalene	%	100			70-130	Pass	
TRH C6-C10	%	96			70-130	Pass	
TRH >C10-C16	%	128			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	95			70-130	Pass	
Toluene	%	100			70-130	Pass	
Ethylbenzene	%	101			70-130	Pass	
m&p-Xylenes	%	101			70-130	Pass	
o-Xylene	%	104			70-130	Pass	
Xylenes - Total*	%	102			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	94			70-130	Pass	
1.1.1-Trichloroethane	%	87			70-130	Pass	
1.2-Dichlorobenzene	%	99			70-130	Pass	
1.2-Dichloroethane	%	103			70-130	Pass	
Trichloroethene	%	90			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	75			70-130	Pass	
Acenaphthylene	%	75			70-130	Pass	
Benz(a)anthracene	%	82			70-130	Pass	
Benzo(a)pyrene	%	80			70-130	Pass	
Benzo(b&j)fluoranthene	%	75			70-130	Pass	
Benzo(g.h.i)perylene	%	83			70-130	Pass	
Benzo(k)fluoranthene	%	92			70-130	Pass	
Chrysene	%	77			70-130	Pass	
Dibenz(a.h)anthracene	%	75			70-130	Pass	
Fluoranthene	%	78			70-130	Pass	
Fluorene	%	77			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	79			70-130	Pass	
Naphthalene	%	82			70-130	Pass	
Phenanthrene	%	86			70-130	Pass	
Pyrene	%	76			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	92			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4.4'-DDD	%	81			70-130	Pass	
4.4'-DDE	%	87			70-130	Pass	
4.4'-DDT	%	87			70-130	Pass	
a-HCH	%	89			70-130	Pass	
Aldrin	%	72			70-130	Pass	
b-HCH	%	84			70-130	Pass	
d-HCH	%	88			70-130	Pass	
Dieldrin	%	100			70-130	Pass	
Endosulfan I	%	91			70-130	Pass	
Endosulfan II	%	84			70-130	Pass	
Endosulfan sulphate	%	81			70-130	Pass	
Endrin	%	117			70-130	Pass	
Endrin aldehyde	%	74			70-130	Pass	
Endrin ketone	%	74			70-130	Pass	
g-HCH (Lindane)	%	86			70-130	Pass	
Heptachlor	%	99			70-130	Pass	
Heptachlor epoxide	%	95			70-130	Pass	
Hexachlorobenzene	%	79			70-130	Pass	
Methoxychlor	%	79			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	97			70-130	Pass	
Dimethoate	%	90			70-130	Pass	
Ethion	%	107			70-130	Pass	
Fenitrothion	%	111			70-130	Pass	
Methyl parathion	%	92			70-130	Pass	
Mevinphos	%	105			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	45			25-140	Pass	
2-Chlorophenol	%	52			25-140	Pass	
2-Methylphenol (o-Cresol)	%	35			25-140	Pass	
2-Nitrophenol	%	62			25-140	Pass	
2.4-Dichlorophenol	%	78			25-140	Pass	
2.4-Dinitrophenol	%	45			25-140	Pass	
2.4.5-Trichlorophenol	%	59			25-140	Pass	
2.4.6-Trichlorophenol	%	47			25-140	Pass	
2.6-Dichlorophenol	%	61			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	52			25-140	Pass	
4-Chloro-3-methylphenol	%	42			25-140	Pass	
4-Nitrophenol	%	77			25-140	Pass	
Pentachlorophenol	%	60			25-140	Pass	
Phenol	%	43			25-140	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	107			80-120	Pass	
Cadmium (filtered)	%	102			80-120	Pass	
Chromium (filtered)	%	107			80-120	Pass	
Copper (filtered)	%	106			80-120	Pass	
Lead (filtered)	%	103			80-120	Pass	
Mercury (filtered)	%	109			80-120	Pass	
Nickel (filtered)	%	106			80-120	Pass	
Zinc (filtered)	%	104			80-120	Pass	
LCS - % Recovery							

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	109			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	108			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	115			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	83			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	94			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	98			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	118			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	97			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	107			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	138			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	112			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	76			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	87			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	82			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	%	87			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	%	85			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	103			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	108			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	95			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	115			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	120			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	76			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	108			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	101			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	95			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	85			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	96			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	127			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	76			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	98			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	R22-Jn0047791	NCP	%	99			70-130	Pass	
TRH C10-C14	M22-Jn0052817	NCP	%	100			70-130	Pass	
Naphthalene	S22-Jn0054486	NCP	%	97			70-130	Pass	
TRH C6-C10	R22-Jn0047791	NCP	%	89			70-130	Pass	
TRH >C10-C16	M22-Jn0052817	NCP	%	107			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S22-Jn0054486	NCP	%	93			70-130	Pass	
Toluene	S22-Jn0054486	NCP	%	93			70-130	Pass	
Ethylbenzene	S22-Jn0054486	NCP	%	97			70-130	Pass	
m&p-Xylenes	S22-Jn0054486	NCP	%	98			70-130	Pass	
o-Xylene	S22-Jn0054486	NCP	%	97			70-130	Pass	
Xylenes - Total*	S22-Jn0054486	NCP	%	98			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S22-Jn0054486	NCP	%	96			70-130	Pass	
1.1.1-Trichloroethane	S22-Jn0054486	NCP	%	88			70-130	Pass	
1.2-Dichlorobenzene	S22-Jn0054486	NCP	%	103			70-130	Pass	
1.2-Dichloroethane	S22-Jn0054486	NCP	%	106			70-130	Pass	
Trichloroethene	S22-Jn0054486	NCP	%	91			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M22-Jn0053937	NCP	%	91			70-130	Pass	
Acenaphthylene	M22-Jn0053937	NCP	%	77			70-130	Pass	
Benzo(k)fluoranthene	M22-Jn0053937	NCP	%	83			70-130	Pass	
Chrysene	M22-Jn0053937	NCP	%	85			70-130	Pass	
Fluoranthene	M22-Jn0053937	NCP	%	71			70-130	Pass	
Fluorene	M22-Jn0053937	NCP	%	87			70-130	Pass	
Naphthalene	M22-Jn0053937	NCP	%	92			70-130	Pass	
Phenanthrene	M22-Jn0053937	NCP	%	71			70-130	Pass	
Pyrene	M22-Jn0053937	NCP	%	75			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Endrin aldehyde	M22-Jn0053937	NCP	%	71			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Chlorophenol	M22-Jn0053937	NCP	%	67			30-130	Pass	
2-Methylphenol (o-Cresol)	M22-Jn0053937	NCP	%	42			30-130	Pass	
2-Nitrophenol	M22-Jn0053937	NCP	%	42			30-130	Pass	
2.4-Dichlorophenol	M22-Jn0053937	NCP	%	31			30-130	Pass	
2.4.5-Trichlorophenol	M22-Jn0053937	NCP	%	36			30-130	Pass	
2.4.6-Trichlorophenol	M22-Jn0053937	NCP	%	54			30-130	Pass	
2.6-Dichlorophenol	M22-Jn0053937	NCP	%	41			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M22-Jn0053937	NCP	%	34			30-130	Pass	
4-Chloro-3-methylphenol	M22-Jn0053937	NCP	%	48			30-130	Pass	
Pentachlorophenol	M22-Jn0053937	NCP	%	34			30-130	Pass	
Phenol	M22-Jn0053937	NCP	%	56			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	S22-Jn0053928	NCP	%	86			75-125	Pass	
Cadmium (filtered)	S22-Jn0053928	NCP	%	87			75-125	Pass	
Chromium (filtered)	S22-Jn0053928	NCP	%	85			75-125	Pass	
Copper (filtered)	S22-Jn0053928	NCP	%	84			75-125	Pass	
Lead (filtered)	S22-Jn0053928	NCP	%	108			75-125	Pass	
Mercury (filtered)	S22-Jn0053928	NCP	%	100			75-125	Pass	
Nickel (filtered)	S22-Jn0053928	NCP	%	84			75-125	Pass	
Zinc (filtered)	B22-Jn0051045	NCP	%	85			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Jn0056304	NCP	%	74			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0056304	NCP	%	79			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0056304	NCP	%	92			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0056304	NCP	%	60			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0056304	NCP	%	66			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0056304	NCP	%	78			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0056304	NCP	%	95			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0056304	NCP	%	93			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0056304	NCP	%	86			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0056304	NCP	%	112			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0056304	NCP	%	103			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Jn0056304	NCP	%	54			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0056304	NCP	%	76			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0056304	NCP	%	77			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0056304	NCP	%	105			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0056304	NCP	%	104			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0056304	NCP	%	107			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0056304	NCP	%	94			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0056304	NCP	%	96			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0056304	NCP	%	85			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0056304	NCP	%	93			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0056304	NCP	%	69			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0056304	NCP	%	72			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0056304	NCP	%	69			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0056304	NCP	%	68			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0056304	NCP	%	99			50-150	Pass	
Spike - % Recovery									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0056304	NCP	%	83			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0056304	NCP	%	91			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0056304	NCP	%	56			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0056304	NCP	%	68			50-150	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S22-Jn0055846	CP	%	111			70-130	Pass	
4.4'-DDD	S22-Jn0055846	CP	%	78			70-130	Pass	
4.4'-DDE	S22-Jn0055846	CP	%	86			70-130	Pass	
4.4'-DDT	S22-Jn0055846	CP	%	88			70-130	Pass	
a-HCH	S22-Jn0055846	CP	%	120			70-130	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Aldrin	S22-Jn0055846	CP	%	92			70-130	Pass	
b-HCH	S22-Jn0055846	CP	%	100			70-130	Pass	
d-HCH	S22-Jn0055846	CP	%	72			70-130	Pass	
Dieldrin	S22-Jn0055846	CP	%	93			70-130	Pass	
Endosulfan I	S22-Jn0055846	CP	%	119			70-130	Pass	
Endosulfan II	S22-Jn0055846	CP	%	91			70-130	Pass	
Endosulfan sulphate	S22-Jn0055846	CP	%	92			70-130	Pass	
Endrin	S22-Jn0055846	CP	%	126			70-130	Pass	
Endrin ketone	S22-Jn0055846	CP	%	95			70-130	Pass	
g-HCH (Lindane)	S22-Jn0055846	CP	%	118			70-130	Pass	
Heptachlor	S22-Jn0055846	CP	%	87			70-130	Pass	
Heptachlor epoxide	S22-Jn0055846	CP	%	114			70-130	Pass	
Hexachlorobenzene	S22-Jn0055846	CP	%	114			70-130	Pass	
Methoxychlor	S22-Jn0055846	CP	%	87			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
Hexachlorobenzene	S22-Jn0055846	CP	%	114			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S22-Jn0054485	NCP	mg/L	0.10	0.10	5.0	30%	Pass	
TRH C10-C14	N22-Jn0062190	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH C15-C28	N22-Jn0062190	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	N22-Jn0062190	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Naphthalene	S22-Jn0054485	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
TRH C6-C10	S22-Jn0054485	NCP	mg/L	0.11	0.10	5.0	30%	Pass	
TRH >C10-C16	N22-Jn0062190	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH >C16-C34	N22-Jn0062190	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	N22-Jn0062190	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S22-Jn0054485	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S22-Jn0054485	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1-Dichloroethene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1-Trichloroethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2-Trichloroethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dibromoethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloroethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloropropane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.3-Trichloropropane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.4-Trimethylbenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichloropropane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3.5-Trimethylbenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.4-Dichlorobenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
2-Butanone (MEK)	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Propanone (Acetone)	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorotoluene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Allyl chloride	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromobenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromomethane	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Carbon disulfide	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Carbon Tetrachloride	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorobenzene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chloroethane	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloroform	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloromethane	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
cis-1.2-Dichloroethene	S22-Jn0054485	NCP	mg/L	0.001	0.001	5.0	30%	Pass	
cis-1.3-Dichloropropene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromochloromethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromomethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorodifluoromethane	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Iodomethane	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Isopropyl benzene (Cumene)	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Methylene Chloride	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Styrene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachloroethene	S22-Jn0054485	NCP	mg/L	0.090	0.087	3.0	30%	Pass	
trans-1.2-Dichloroethene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.3-Dichloropropene	S22-Jn0054485	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloroethene	S22-Jn0054485	NCP	mg/L	0.003	0.003	6.0	30%	Pass	
Trichlorofluoromethane	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Vinyl chloride	S22-Jn0054485	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acenaphthylene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Anthracene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benz(a)anthracene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(a)pyrene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(b&j)fluoranthene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(g.h.i)perylene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(k)fluoranthene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chrysene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibenz(a.h)anthracene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluoranthene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluorene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Naphthalene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phenanthrene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Pyrene	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

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Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
4.4'-DDD	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDE	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDT	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
a-HCH	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Aldrin	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
b-HCH	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
d-HCH	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Dieldrin	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan I	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan II	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan sulphate	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin aldehyde	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin ketone	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
g-HCH (Lindane)	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Heptachlor	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Hexachlorobenzene	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Methoxychlor	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Toxaphene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Bolstar	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Chlorfenvinphos	S22-Jn0055845	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Chlorpyrifos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Chlorpyrifos-methyl	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Coumaphos	S22-Jn0055845	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Demeton-S	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Demeton-O	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Diazinon	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dichlorvos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dimethoate	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Disulfoton	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
EPN	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethoprop	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethyl parathion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenitrothion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fensulfothion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenthion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Malathion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Merphos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methyl parathion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Mevinphos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Monocrotophos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Naled	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Omethoate	S22-Jn0055845	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Phorate	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Pirimiphos-methyl	S22-Jn0055845	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Pyrazophos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ronnel	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Terbufos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Tetrachlorvinphos	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tokuthion	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Trichloronate	S22-Jn0055845	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M22-Jn0053936	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Chloronaphthalene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1-Naphthylamine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M22-Jn0053936	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Methylphenol (o-Cresol)	M22-Jn0053936	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Naphthylamine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M22-Jn0053936	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	S22-Jn0055845	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dichlorophenol	M22-Jn0053936	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dimethylphenol	M22-Jn0053936	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrophenol	M22-Jn0053936	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2.4-Dinitrotoluene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.4.5-Trichlorophenol	M22-Jn0053936	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.6-Trichlorophenol	M22-Jn0053936	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dinitrotoluene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	M22-Jn0053936	NCP	mg/L	< 0.006	< 0.006	<1	30%	Pass	
3-Methylcholanthrene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Bromophenyl phenyl ether	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chloro-3-methylphenol	M22-Jn0053936	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
4-Chlorophenyl phenyl ether	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M22-Jn0053936	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

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Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
d-HCH	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	S22-Jn0055845	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M22-Jn0053936	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M22-Jn0053936	NCP	mg/L	0.004	0.004	9.0	30%	Pass	
Pronamide	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	S22-Jn0055845	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic (filtered)	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cadmium (filtered)	S22-Jn0055845	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium (filtered)	S22-Jn0055845	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Copper (filtered)	S22-Jn0055845	CP	mg/L	0.023	0.022	2.0	30%	Pass	
Lead (filtered)	S22-Jn0055845	CP	mg/L	0.003	0.003	1.0	30%	Pass	
Mercury (filtered)	S22-Jn0055845	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel (filtered)	S22-Jn0055845	CP	mg/L	0.006	0.006	3.0	30%	Pass	
Zinc (filtered)	S22-Jn0055845	CP	mg/L	0.042	0.041	2.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic (filtered)	S22-Jn0055846	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cadmium (filtered)	S22-Jn0055846	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium (filtered)	S22-Jn0055846	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Copper (filtered)	S22-Jn0055846	CP	mg/L	0.002	0.002	3.0	30%	Pass	
Lead (filtered)	S22-Jn0055846	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Mercury (filtered)	S22-Jn0055846	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel (filtered)	S22-Jn0055846	CP	mg/L	0.002	0.002	<1	30%	Pass	
Zinc (filtered)	S22-Jn0055846	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0055851	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0055851	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N09	Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard.
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).

Authorised by:

Emma Beesley	Analytical Services Manager
Edward Lee	Senior Analyst-Organic
Gabriele Cordero	Senior Analyst-Metal
Jonathon Angell	Senior Analyst-PFAS
Roopesh Rangarajan	Senior Analyst-Volatile

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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ERM

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☐ **MELBOURNE**
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Email: EnviroSampleVic@eurofins.com.au

CHAIN OF CUSTODY RECORD

Company Name* : Environmental Resources Management (ERM)	Contact Name* : Indiana Strachan	Purchase Order :	COC Number :
Office Address* : Level 15, 309 Kent Street, Sydney NSW 2000	Project Manager : Nicholas Grbich	Project Number : 0571466	Quote ID* :
	Email for Results* : Nicholas.Grbich@ERM.com; Indiana.Strachan@ERM.com	Project Name : WPCG	Data Output Format* : Excel

Special Directions & Comments :
please send T01_20220624 & T02_20220624. to ALS for analysis.

Eurofins | mgt DI Water Batch Number :

Some common holding times (with correct preservation) - For further information contact the lab

Waters		Soils	
BTEX, MAH, VOC	14 days	BTEX, MAH, VOC	14 days
TRH, PAH, Phenols, Pesticides	7 days	TRH, PAH, Phenols, Pesticides	14 days
Heavy Metals	6 months	Heavy Metals	6 months
Mercury, CrVI	28 days	Mercury, CrVI	28 days
Microbiological testing	24 hours	Microbiological testing	72 hours
BOD, Nitrate, Nitrite, Total N	2 days	Anions	28 days
Solids - TSS, TDS etc	7 days	SPOCAS, pH Field and FOX, CrS	24 hours
Ferrous iron	7 days	ASLP, TCLP	7 days

	Sample ID* :	Date :	Matrix* :	Analytes* : PFAS.	TRH/BTEX/PAH.	SVOC/VOC.	Heavy metals (8)	OCP/OPP.	Containers* : 500P	250P	plastic metals	200A	40mL vial	500 PFAS	Comments
1	MW01	24/06/2022	w												
2	MW02	24/06/2022	w												
3	MW03	24/06/2022	w												
4	MW04	24/06/2022	w												
5	MW05	24/06/2022	w												
6	MW06	24/06/2022	w												
7	MW07	24/06/2022	w												
8	MW08	24/06/2022	w												
9	MW09	24/06/2022	w												
10	MW10	24/06/2022	w												
11	MW11	24/06/2022	w												
12	D01_20220624	24/06/2022	w												
13	T01_20220624	24/06/2022	w												please send to ALS.
14	D02_20220624	24/06/2022	w												
15	T02_20220624	24/06/2022	w												please send to ALS
16	TS/TB				X	X							X		

Relinquished By* :	Laboratory Staff	Turn Around Time :	Method Of Shipment :	Temperature on Arrival :
Indiana Strachan.	Received By : BB Eurofins	☐ 1 DAY ☐ 2 DAY ☐ 3 DAY	☒ Hand Delivered	
Date & Time* : 24/6/22	Date & Time : 24/6/22 3:11pm	☒ 5 DAY ☐ 10 DAY	☐ Courier	Report Number :
Signature* :	Signature : Lump +1900 791	☐ Other:	Courier Consignment # :	

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IANZ # 1327

Christchurch
43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

Sample Receipt Advice

Company name:	ERM Sydney
Contact name:	Nicholas Grbich
Project name:	Not provided
Project ID:	0571466
Turnaround time:	5 Day
Date/Time received	Jun 24, 2022 3:11 PM
Eurofins reference	900799

Sample Information

✓	A detailed list of analytes logged into our LIMS, is included in the attached summary table.
✓	All samples have been received as described on the above COC.
✓	COC has been completed correctly.
✓	Attempt to chill was evident.
✓	Appropriately preserved sample containers have been used.
✓	All samples were received in good condition.
✓	Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
✓	Appropriate sample containers have been used.
✓	Sample containers for volatile analysis received with zero headspace.
X	Split sample sent to requested external lab.
X	Some samples have been subcontracted.
N/A	Custody Seals intact (if used).

Notes

Analysis for TS/TB changed to BTEX + volatile TRH. Splits TO1_20220624 and T02_20220624 sent to ALS as per COC.

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Emma Beesley on phone : or by email: EmmaBeesley@eurofins.com

Results will be delivered electronically via email to Nicholas Grbich - nicholas.grbich@erm.com.

Note: A copy of these results will also be delivered to the general ERM Sydney email address.

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email: EnviroSales@eurofins.com

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Phone : 0800 856 450
IANZ # 1290

Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: WPCG
Project ID: 0571466

Order No.:
Report #: 900799
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 24, 2022 3:11 PM
Due: Jun 29, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Metals M8 filtered	Suite B14: OCP/OPP	Eurofins Suite B4	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794											X	
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**							
1	MW01	Jun 24, 2022		Water	S22-Jn0058972	X	X	X		X	X	
2	MW02	Jun 24, 2022		Water	S22-Jn0058973	X	X	X		X	X	
3	MW03	Jun 24, 2022		Water	S22-Jn0058974	X	X	X		X	X	
4	MW04	Jun 24, 2022		Water	S22-Jn0058975	X	X	X		X	X	
5	MW05	Jun 24, 2022		Water	S22-Jn0058976	X	X	X		X	X	
6	MW06	Jun 24, 2022		Water	S22-	X	X	X		X	X	

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Company Name: ERM Sydney
Address: Level 15, 309 Kent St
Sydney
NSW 2000

Project Name: WPCG
Project ID: 0571466

Order No.:
Report #: 900799
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 24, 2022 3:11 PM
Due: Jun 29, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Metals M8 filtered	Suite B14: OCP/OPP	Eurofins Suite B4	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794											X	
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
					Jn0058977							
7	MW07	Jun 24, 2022		Water	S22-Jn0058978	X	X	X		X	X	
8	MW08	Jun 24, 2022		Water	S22-Jn0058979	X	X	X		X	X	
9	MW09	Jun 24, 2022		Water	S22-Jn0058980	X	X	X		X	X	
10	MW10	Jun 24, 2022		Water	S22-Jn0058981	X	X	X		X	X	
11	MW11	Jun 24, 2022		Water	S22-Jn0058982	X	X	X		X	X	
12	D01_20220624	Jun 24, 2022		Water	S22-Jn0058983	X	X	X		X	X	

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Phone: 02 8584 8888
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Received: Jun 24, 2022 3:11 PM
Due: Jun 29, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Metals M8 filtered	Suite B14: OCP/OPP	Eurofins Suite B4	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794											X	
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
13	D02_20220624	Jun 24, 2022		Water	S22-Jn0058984						X	
14	TRIP SPIKE	Jun 24, 2022		Water	S22-Jn0058985							X
15	TRIP BLANK	Jun 24, 2022		Water	S22-Jn0058986				X			
Test Counts						13	12	12	1	12	13	1

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ERM Sydney
Level 15, 309 Kent St
Sydney
NSW 2000

NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Nicholas Grbich**

Report **900799-W**
Project name WPCG
Project ID 0571466
Received Date Jun 24, 2022

Client Sample ID			G01 **MW01**	G01 **MW02**	G01 **MW03**	G01 **MW04**
Sample Matrix			**Water**	**Water**	**Water**	**Water**
Eurofins Sample No.			**S22-Jn0058972**	**S22-Jn0058973**	**S22-Jn0058974**	**S22-Jn0058975**
Date Sampled			**Jun 24, 2022**	**Jun 24, 2022**	**Jun 24, 2022**	**Jun 24, 2022**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	0.50	< 0.05	< 0.05	< 0.5
TRH C15-C28	0.1	mg/L	< 1	< 0.1	< 0.1	< 1
TRH C29-C36	0.1	mg/L	< 1	< 0.1	< 0.1	< 1
TRH C10-C36 (Total)	0.1	mg/L	< 1	< 0.1	< 0.1	< 1
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.5	< 0.05	< 0.05	< 0.5
TRH >C10-C16 less Naphthalene (F2)[N01]	0.05	mg/L	< 0.5	< 0.05	< 0.05	< 0.5
TRH >C16-C34	0.1	mg/L	< 1	< 0.1	< 0.1	< 1
TRH >C34-C40	0.1	mg/L	< 1	< 0.1	< 0.1	< 1
TRH >C10-C40 (total)*	0.1	mg/L	< 1	< 0.1	< 0.1	< 1
BTEX						
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	65	70	68	63
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

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Client Sample ID			G01MW01	G01MW02	G01MW03	G01MW04
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058972	S22-Jn0058973	S22-Jn0058974	S22-Jn0058975
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	65	70	68	63
Toluene-d8 (surr.)	1	%	65	68	70	62

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Client Sample ID			[G01]MW01	[G01]MW02	[G01]MW03	[G01]MW04
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058972	S22-Jn0058973	S22-Jn0058974	S22-Jn0058975
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Acenaphthylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	0.002	< 0.005	< 0.005	< 0.005
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Fluorene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Phenanthrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Total PAH*	0.001	mg/L	0.002	< 0.005	< 0.005	< 0.005
2-Fluorobiphenyl (surr.)	1	%	59	54	[Q09]INT	[Q09]INT
p-Terphenyl-d14 (surr.)	1	%	106	68	102	71
Organochlorine Pesticides						
Chlordanes - Total	0.002	mg/L	< 0.01	< 0.002	< 0.002	< 0.01
4.4'-DDD	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
4.4'-DDE	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
4.4'-DDT	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
a-HCH	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Aldrin	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
b-HCH	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
d-HCH	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Dieldrin	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endosulfan I	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endosulfan II	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endosulfan sulphate	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endrin	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endrin aldehyde	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endrin ketone	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
g-HCH (Lindane)	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Heptachlor	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Heptachlor epoxide	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Hexachlorobenzene	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Methoxychlor	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Toxaphene	0.005	mg/L	< 0.1	< 0.01	< 0.01	< 0.1
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.01	< 0.002	< 0.002	< 0.01
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.01	< 0.002	< 0.002	< 0.01
Dibutylchlorendate (surr.)	1	%	65	[Q09]INT	88	[Q09]INT
Tetrachloro-m-xylene (surr.)	1	%	89	55	79	57

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Client Sample ID			[G01]MW01	[G01]MW02	[G01]MW03	[G01]MW04
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058972	S22-Jn0058973	S22-Jn0058974	S22-Jn0058975
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bolstar	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Chlorpyrifos	0.002	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Chlorpyrifos-methyl	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Coumaphos	0.02	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Demeton-S	0.002	mg/L	< 0.05	< 0.005	< 0.005	< 0.005
Demeton-O	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diazinon	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorvos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethoate	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Disulfoton	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
EPN	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethoprop	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl parathion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fenitrothion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fensulfothion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fenthion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Malathion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Merphos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Methyl parathion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Mevinphos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Monocrotophos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naled	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Omethoate	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Phorate	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pirimiphos-methyl	0.02	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Pyrazophos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ronnel	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Terbufos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachlorvinphos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Tokuthion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Trichloronate	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Triphenylphosphate (surr.)	1	%	103	82	55	[Q09]INT
Semivolatile Organics						
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005

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Client Sample ID			[G01]MW01	[G01]MW02	[G01]MW03	[G01]MW04
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058972	S22-Jn0058973	S22-Jn0058974	S22-Jn0058975
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	59	54	[Q09]INT	[Q09]INT
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4.6-Tribromophenol (surr.)	1	%	[Q09]INT	72	57	[Q09]INT
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Acenaphthylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	0.002	< 0.005	< 0.005	< 0.005
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005

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Client Sample ID			G01MW01	G01MW02	G01MW03	G01MW04
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058972	S22-Jn0058973	S22-Jn0058974	S22-Jn0058975
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Fluorene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Nitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Nitrobenzene-d5 (surr.)	1	%	114	95	94	85
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	52	81	58	42
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	0.002	< 0.001	< 0.001
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium (filtered)	0.001	mg/L	< 0.001	0.002	< 0.001	< 0.001
Copper (filtered)	0.001	mg/L	0.010	0.009	0.004	0.003
Lead (filtered)	0.001	mg/L	< 0.001	0.001	0.003	< 0.001

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Client Sample ID			[G01]MW01	[G01]MW02	[G01]MW03	[G01]MW04
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058972	S22-Jn0058973	S22-Jn0058974	S22-Jn0058975
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Heavy Metals						
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.004	0.010	0.005	0.003
Zinc (filtered)	0.005	mg/L	0.014	0.008	0.17	0.009
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Perfluoropentanoic acid (PFPeA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanoic acid (PFHxA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroheptanoic acid (PFHpA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanoic acid (PFNA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanoic acid (PFDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroundecanoic acid (PFUnDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorododecanoic acid (PFDoDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotridecanoic acid (PFTrDA)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotetradecanoic acid (PFTeDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C4-PFBA (surr.)	1	%	64	61	57	69
13C5-PFPeA (surr.)	1	%	70	64	70	70
13C5-PFHxA (surr.)	1	%	60	51	63	56
13C4-PFHpA (surr.)	1	%	70	61	71	56
13C8-PFOA (surr.)	1	%	91	74	90	65
13C5-PFNA (surr.)	1	%	86	84	91	63
13C6-PFDA (surr.)	1	%	90	109	90	48
13C2-PFUnDA (surr.)	1	%	75	110	84	39
13C2-PFDoDA (surr.)	1	%	74	131	106	46
13C2-PFTeDA (surr.)	1	%	44	44	55	20
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
13C8-FOSA (surr.)	1	%	60	93	71	40
D3-N-MeFOSA (surr.)	1	%	61	57	54	12
D5-N-EtFOSA (surr.)	1	%	69	59	55	13
D7-N-MeFOSE (surr.)	1	%	26	28	28	14
D9-N-EtFOSE (surr.)	1	%	26	28	28	14
D5-N-EtFOSAA (surr.)	1	%	75	145	108	47
D3-N-MeFOSAA (surr.)	1	%	67	137	88	45
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanesulfonic acid (PFNS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropropanesulfonic acid (PFPrS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropentanesulfonic acid (PFPeS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01

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Client Sample ID			G01MW01	G01MW02	G01MW03	G01MW04
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058972	S22-Jn0058973	S22-Jn0058974	S22-Jn0058975
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluoroheptanesulfonic acid (PFHpS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanesulfonic acid (PFDS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C3-PFBS (surr.)	1	%	78	58	99	69
18O2-PFHxS (surr.)	1	%	113	105	119	94
13C8-PFOS (surr.)	1	%	99	114	116	61
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C2-4:2 FTSA (surr.)	1	%	19	16	44	17
13C2-6:2 FTSA (surr.)	1	%	37	33	85	27
13C2-8:2 FTSA (surr.)	1	%	67	84	152	50
13C2-10:2 FTSA (surr.)	1	%	45	172	100	75
PFASs Summations						
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of WA DWER PFAS (n=10)*	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Sum of PFASs (n=30)*	0.1	ug/L	< 0.1	< 0.1	< 0.1	< 0.1

Client Sample ID			G01MW05	G01MW06	G01MW07	G01MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.5	0.08	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 1	< 0.1	< 0.1	< 0.1
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.5	0.06	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2)[N01]	0.05	mg/L	< 0.5	0.06	< 0.05	< 0.05
TRH >C16-C34	0.1	mg/L	< 1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 1	< 0.1	< 0.1	< 0.1

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Client Sample ID			G01MW05	G01MW06	G01MW07	G01MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	65	69	68	67
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

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Client Sample ID			[G01]MW05	[G01]MW06	[G01]MW07	[G01]MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	65	69	68	67
Toluene-d8 (surr.)	1	%	64	71	69	66
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Acenaphthylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	0.002	< 0.005	< 0.005	< 0.005
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	0.001	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Fluorene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Phenanthrene	0.001	mg/L	0.001	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Total PAH*	0.001	mg/L	0.004	< 0.005	< 0.005	< 0.005
2-Fluorobiphenyl (surr.)	1	%	57	[Q09]INT	[Q09]INT	[Q09]INT
p-Terphenyl-d14 (surr.)	1	%	113	84	77	[Q09]INT
Organochlorine Pesticides						
Chlordanes - Total	0.002	mg/L	< 0.01	< 0.002	< 0.002	< 0.01
4.4'-DDD	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
4.4'-DDE	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
4.4'-DDT	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
a-HCH	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Aldrin	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
b-HCH	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
d-HCH	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Dieldrin	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endosulfan I	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endosulfan II	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005

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Client Sample ID			[G01]MW05	[G01]MW06	[G01]MW07	[G01]MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endosulfan sulphate	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endrin	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endrin aldehyde	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Endrin ketone	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
g-HCH (Lindane)	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Heptachlor	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Heptachlor epoxide	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Hexachlorobenzene	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Methoxychlor	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Toxaphene	0.005	mg/L	< 0.1	< 0.01	< 0.01	< 0.1
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.005	< 0.0005	< 0.0005	< 0.005
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.01	< 0.002	< 0.002	< 0.01
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.01	< 0.002	< 0.002	< 0.01
Dibutylchlorendate (surr.)	1	%	93	72	68	[Q09]INT
Tetrachloro-m-xylene (surr.)	1	%	89	76	80	[Q09]INT
Organophosphorus Pesticides						
Azinphos-methyl	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Bolstar	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Chlorpyrifos	0.002	mg/L	< 0.05	< 0.05	< 0.05	< 0.5
Chlorpyrifos-methyl	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Coumaphos	0.02	mg/L	< 0.05	< 0.05	< 0.05	< 0.5
Demeton-S	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.5
Demeton-O	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Diazinon	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Dichlorvos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Dimethoate	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Disulfoton	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
EPN	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Ethion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Ethoprop	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Ethyl parathion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Fenitrothion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Fensulfothion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Fenthion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Malathion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Merphos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Methyl parathion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Mevinphos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Monocrotophos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Naled	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Omethoate	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Phorate	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Pirimiphos-methyl	0.02	mg/L	< 0.05	< 0.05	< 0.05	< 0.5
Pyrazophos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Ronnel	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Terbufos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Tetrachlorvinphos	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02

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Client Sample ID			[G01]MW05	[G01]MW06	[G01]MW07	[G01]MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Tokuthion	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Trichloronate	0.002	mg/L	< 0.005	< 0.005	< 0.005	< 0.02
Triphenylphosphate (surr.)	1	%	56	62	57	[Q09]INT
Semivolatile Organics						
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	57	[Q09]INT	[Q09]INT	[Q09]INT
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4.6-Tribromophenol (surr.)	1	%	104	96	72	[Q09]INT
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005

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Client Sample ID			[G01]MW05	[G01]MW06	[G01]MW07	[G01]MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Acenaphthylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	0.002	< 0.005	< 0.005	< 0.005
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	0.001	< 0.005	< 0.005	< 0.005
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.01
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Fluorene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005

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Client Sample ID			[G01]MW05	[G01]MW06	[G01]MW07	[G01]MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Nitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Nitrobenzene-d5 (surr.)	1	%	121	105	99	[Q09]INT
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	0.001	< 0.005	< 0.005	< 0.005
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	89	71	42	42
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.005	< 0.005
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	< 0.001	0.006	0.006
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Copper (filtered)	0.001	mg/L	0.003	0.003	0.002	0.002
Lead (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.001	0.003	0.005	0.006
Zinc (filtered)	0.005	mg/L	0.011	0.006	0.010	0.039
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Perfluoropentanoic acid (PFPeA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanoic acid (PFHxA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroheptanoic acid (PFHpA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanoic acid (PFNA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanoic acid (PFDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroundecanoic acid (PFUnDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorododecanoic acid (PFDoDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotridecanoic acid (PFTrDA)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotetradecanoic acid (PFTeDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C4-PFBA (surr.)	1	%	58	71	58	59
13C5-PFPeA (surr.)	1	%	69	78	70	73
13C5-PFHxA (surr.)	1	%	64	58	71	71
13C4-PFHpA (surr.)	1	%	74	62	77	84
13C8-PFOA (surr.)	1	%	80	66	87	94
13C5-PFNA (surr.)	1	%	87	62	91	98
13C6-PFDA (surr.)	1	%	86	61	81	95
13C2-PFUnDA (surr.)	1	%	69	54	66	80
13C2-PFDoDA (surr.)	1	%	79	50	75	104
13C2-PFTeDA (surr.)	1	%	39	32	47	65
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05

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Client Sample ID			G01MW05	G01MW06	G01MW07	G01MW08
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058976	S22-Jn0058977	S22-Jn0058978	S22-Jn0058979
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl sulfonamido substances						
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
13C8-FOSA (surr.)	1	%	59	48	58	65
D3-N-MeFOSA (surr.)	1	%	50	40	60	74
D5-N-EtFOSA (surr.)	1	%	53	43	63	79
D7-N-MeFOSE (surr.)	1	%	21	16	23	29
D9-N-EtFOSE (surr.)	1	%	21	16	23	29
D5-N-EtFOSAA (surr.)	1	%	83	44	69	88
D3-N-MeFOSAA (surr.)	1	%	75	47	67	75
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanesulfonic acid (PFNS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropropanesulfonic acid (PFPrS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropentanesulfonic acid (PFPeS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroheptanesulfonic acid (PFHpS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanesulfonic acid (PFDS)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C3-PFBS (surr.)	1	%	104	84	108	109
18O2-PFHxS (surr.)	1	%	117	99	114	119
13C8-PFOS (surr.)	1	%	106	84	107	122
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C2-4:2 FTSA (surr.)	1	%	57	24	60	74
13C2-6:2 FTSA (surr.)	1	%	100	39	104	133
13C2-8:2 FTSA (surr.)	1	%	141	58	143	175
13C2-10:2 FTSA (surr.)	1	%	75	61	62	84
PFASs Summations						
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of WA DWER PFAS (n=10)*	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Sum of PFASs (n=30)*	0.1	ug/L	< 0.1	< 0.1	< 0.1	< 0.1

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Client Sample ID			MW09	[G01]MW10	[G01]MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	0.11
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	0.11
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	0.05
TRH >C10-C16 less Naphthalene (F2)[N01]	0.05	mg/L	< 0.05	< 0.05	< 0.05	0.05
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
BTEX						
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	68	68	66	73
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005

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Client Sample ID			MW09	[G01]MW10	[G01]MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Volatile Organics						
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	68	68	66	73
Toluene-d8 (surr.)	1	%	70	68	67	73
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001

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Client Sample ID			MW09	[G01]MW10	[G01]MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
2-Fluorobiphenyl (surr.)	1	%	86	[Q09]INT	65	99
p-Terphenyl-d14 (surr.)	1	%	149	93	117	[Q09]INT
Organochlorine Pesticides						
Chlordanes - Total	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
4.4'-DDD	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
4.4'-DDE	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
4.4'-DDT	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
a-HCH	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
Aldrin	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
b-HCH	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
d-HCH	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
Dieldrin	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Endosulfan I	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Endosulfan II	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Endosulfan sulphate	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Endrin	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Endrin aldehyde	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Endrin ketone	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
g-HCH (Lindane)	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
Heptachlor	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
Heptachlor epoxide	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
Hexachlorobenzene	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
Methoxychlor	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Toxaphene	0.005	mg/L	< 0.005	< 0.01	< 0.01	< 0.005
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0005	< 0.0002
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.0002	< 0.0005	< 0.0002	< 0.0002
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Dibutylchlorendate (surr.)	1	%	75	109	134	[Q09]INT
Tetrachloro-m-xylene (surr.)	1	%	147	81	106	141
Organophosphorus Pesticides						
Azinphos-methyl	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Bolstar	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Chlorpyrifos	0.002	mg/L	< 0.002	< 0.05	< 0.05	< 0.002
Chlorpyrifos-methyl	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Coumaphos	0.02	mg/L	< 0.02	< 0.05	< 0.05	< 0.02
Demeton-S	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Demeton-O	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Diazinon	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Dichlorvos	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Dimethoate	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Disulfoton	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
EPN	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Ethion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Ethoprop	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Ethyl parathion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Fenitrothion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Fensulfothion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002

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Client Sample ID			MW09	[G01]MW10	[G01]MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Fenthion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Malathion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Merphos	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Methyl parathion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Mevinphos	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Monocrotophos	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Naled	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Omethoate	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Phorate	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Pirimiphos-methyl	0.02	mg/L	< 0.02	< 0.05	< 0.05	< 0.02
Pyrazophos	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Ronnel	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Terbufos	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Tetrachlorvinphos	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Tokuthion	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Trichloronate	0.002	mg/L	< 0.002	< 0.005	< 0.005	< 0.002
Triphenylphosphate (surr.)	1	%	95	[Q09]INT	61	129
Semivolatile Organics						
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	86	[Q09]INT	65	99
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4.6-Tribromophenol (surr.)	1	%	112	52	59	[Q09]INT
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005

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Client Sample ID			MW09	[G01]MW10	[G01]MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001

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Client Sample ID			MW09	[G01]MW10	[G01]MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Semivolatile Organics						
Fluorene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Nitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Nitrobenzene-d5 (surr.)	1	%	138	97	120	[Q09]INT
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	75	53	74	[Q09]INT
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.005	< 0.001	< 0.001
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Copper (filtered)	0.001	mg/L	0.004	0.004	0.003	< 0.001
Lead (filtered)	0.001	mg/L	0.001	< 0.001	< 0.001	< 0.001
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.007	0.004	0.001	< 0.001
Zinc (filtered)	0.005	mg/L	0.091	0.009	0.023	0.009
Perfluoroalkyl carboxylic acids (PFCAs)						
Perfluorobutanoic acid (PFBA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Perfluoropentanoic acid (PFPeA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanoic acid (PFHxA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroheptanoic acid (PFHpA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanoic acid (PFNA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanoic acid (PFDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroundecanoic acid (PFUnDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorododecanoic acid (PFDoDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotridecanoic acid (PFTrDA)[N15]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorotetradecanoic acid (PFTeDA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C4-PFBA (surr.)	1	%	65	61	56	54
13C5-PFPeA (surr.)	1	%	81	81	60	67
13C5-PFHxA (surr.)	1	%	82	81	57	65

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Client Sample ID			MW09	G01MW10	G01MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
Perfluoroalkyl carboxylic acids (PFCAs)						
13C4-PFHpA (surr.)	1	%	84	89	69	77
13C8-PFOA (surr.)	1	%	96	98	78	84
13C5-PFNA (surr.)	1	%	97	105	84	91
13C6-PFDA (surr.)	1	%	97	99	79	82
13C2-PFUnDA (surr.)	1	%	76	81	80	76
13C2-PFDoDA (surr.)	1	%	84	96	94	94
13C2-PFTeDA (surr.)	1	%	54	62	57	65
Perfluoroalkyl sulfonamido substances						
Perfluorooctane sulfonamide (FOSA)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
13C8-FOSA (surr.)	1	%	65	61	60	54
D3-N-MeFOSA (surr.)	1	%	73	77	79	71
D5-N-EtFOSA (surr.)	1	%	69	83	82	82
D7-N-MeFOSE (surr.)	1	%	20	26	23	27
D9-N-EtFOSE (surr.)	1	%	20	26	23	27
D5-N-EtFOSAA (surr.)	1	%	80	94	80	81
D3-N-MeFOSAA (surr.)	1	%	71	81	74	73
Perfluoroalkyl sulfonic acids (PFSAs)						
Perfluorobutanesulfonic acid (PFBS)N11	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorononanesulfonic acid (PFNS)N15	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropropanesulfonic acid (PFPrS)N15	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoropentanesulfonic acid (PFPeS)N15	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorohexanesulfonic acid (PFHxS)N11	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluoroheptanesulfonic acid (PFHpS)N15	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorooctanesulfonic acid (PFOS)N11	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Perfluorodecanesulfonic acid (PFDS)N15	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C3-PFBS (surr.)	1	%	113	117	90	92
18O2-PFHxS (surr.)	1	%	125	122	108	103
13C8-PFOS (surr.)	1	%	117	117	113	103
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)						
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C2-4:2 FTSA (surr.)	1	%	94	108	32	91
13C2-6:2 FTSA (surr.)	1	%	165	182	67	149
13C2-8:2 FTSA (surr.)	1	%	184	Q09INT	110	186
13C2-10:2 FTSA (surr.)	1	%	86	107	71	102

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Client Sample ID			MW09	[G01]MW10	[G01]MW11	D01_20220624
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S22-Jn0058980	S22-Jn0058981	S22-Jn0058982	S22-Jn0058983
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit				
PFASs Summations						
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
Sum of WA DWER PFAS (n=10)*	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
Sum of PFASs (n=30)*	0.1	ug/L	< 0.1	< 0.1	< 0.1	< 0.1

Client Sample ID			D02_20220624	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water
Eurofins Sample No.			S22-Jn0058984	S22-Jn0058985	S22-Jn0058986
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	0.02	mg/L	-	-	< 0.02
Naphthalene[N02]	0.01	mg/L	-	-	< 0.01
TRH C6-C10	0.02	mg/L	-	-	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	-	-	< 0.02
BTEX					
Benzene	0.001	mg/L	-	-	< 0.001
Toluene	0.001	mg/L	-	-	< 0.001
Ethylbenzene	0.001	mg/L	-	-	< 0.001
m&p-Xylenes	0.002	mg/L	-	-	< 0.002
o-Xylene	0.001	mg/L	-	-	< 0.001
Xylenes - Total*	0.003	mg/L	-	-	< 0.003
4-Bromofluorobenzene (surr.)	1	%	-	-	74
Perfluoroalkyl carboxylic acids (PFCAs)					
Perfluorobutanoic acid (PFBA)[N11]	0.05	ug/L	< 0.05	-	-
Perfluoropentanoic acid (PFPeA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorohexanoic acid (PFHxA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluoroheptanoic acid (PFHpA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorononanoic acid (PFNA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorodecanoic acid (PFDA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluoroundecanoic acid (PFUnDA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorododecanoic acid (PFDoDA)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorotridecanoic acid (PFTrDA)[N15]	0.01	ug/L	< 0.01	-	-
Perfluorotetradecanoic acid (PFTeDA)[N11]	0.01	ug/L	< 0.01	-	-
13C4-PFBA (surr.)	1	%	60	-	-
13C5-PFPeA (surr.)	1	%	64	-	-
13C5-PFHxA (surr.)	1	%	56	-	-
13C4-PFHpA (surr.)	1	%	57	-	-
13C8-PFOA (surr.)	1	%	61	-	-
13C5-PFNA (surr.)	1	%	56	-	-
13C6-PFDA (surr.)	1	%	36	-	-
13C2-PFUnDA (surr.)	1	%	24	-	-
13C2-PFDoDA (surr.)	1	%	24	-	-
13C2-PFTeDA (surr.)	1	%	12	-	-

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Client Sample ID			D02_20220624	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water
Eurofins Sample No.			S22-Jn0058984	S22-Jn0058985	S22-Jn0058986
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit			
Perfluoroalkyl sulfonamido substances					
Perfluorooctane sulfonamide (FOSA)[N11]	0.05	ug/L	< 0.05	-	-
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11]	0.05	ug/L	< 0.05	-	-
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11]	0.05	ug/L	< 0.05	-	-
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11]	0.05	ug/L	< 0.05	-	-
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11]	0.05	ug/L	< 0.05	-	-
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11]	0.05	ug/L	< 0.05	-	-
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11]	0.05	ug/L	< 0.05	-	-
13C8-FOSA (surr.)	1	%	32	-	-
D3-N-MeFOSA (surr.)	1	%	23	-	-
D5-N-EtFOSA (surr.)	1	%	26	-	-
D7-N-MeFOSE (surr.)	1	%	11	-	-
D9-N-EtFOSE (surr.)	1	%	11	-	-
D5-N-EtFOSAA (surr.)	1	%	27	-	-
D3-N-MeFOSAA (surr.)	1	%	29	-	-
Perfluoroalkyl sulfonic acids (PFSAs)					
Perfluorobutanesulfonic acid (PFBS)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorononanesulfonic acid (PFNS)[N15]	0.01	ug/L	< 0.01	-	-
Perfluoropropanesulfonic acid (PFPrS)[N15]	0.01	ug/L	< 0.01	-	-
Perfluoropentanesulfonic acid (PFPeS)[N15]	0.01	ug/L	< 0.01	-	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	-	-
Perfluoroheptanesulfonic acid (PFHpS)[N15]	0.01	ug/L	< 0.01	-	-
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	-	-
Perfluorodecanesulfonic acid (PFDS)[N15]	0.01	ug/L	< 0.01	-	-
13C3-PFBS (surr.)	1	%	65	-	-
18O2-PFHxS (surr.)	1	%	83	-	-
13C8-PFOS (surr.)	1	%	43	-	-
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11]	0.01	ug/L	< 0.01	-	-
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	-	-
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11]	0.01	ug/L	< 0.01	-	-
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11]	0.01	ug/L	< 0.01	-	-
13C2-4:2 FTSA (surr.)	1	%	19	-	-
13C2-6:2 FTSA (surr.)	1	%	32	-	-
13C2-8:2 FTSA (surr.)	1	%	46	-	-
13C2-10:2 FTSA (surr.)	1	%	46	-	-
PFASs Summations					
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	-	-
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	-	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	-	-
Sum of WA DWER PFAS (n=10)*	0.05	ug/L	< 0.05	-	-
Sum of PFASs (n=30)*	0.1	ug/L	< 0.1	-	-
TRH C6-C10	1	%	-	78	-

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Client Sample ID			D02_20220624	TRIP SPIKE	TRIP BLANK
Sample Matrix			Water	Water	Water
Eurofins Sample No.			S22-Jn0058984	S22-Jn0058985	S22-Jn0058986
Date Sampled			Jun 24, 2022	Jun 24, 2022	Jun 24, 2022
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
Naphthalene	1	%	-	95	-
TRH C6-C9	1	%	-	83	-
BTEX					
Benzene	1	%	-	97	-
Ethylbenzene	1	%	-	95	-
m&p-Xylenes	1	%	-	96	-
o-Xylene	1	%	-	93	-
Toluene	1	%	-	97	-
Xylenes - Total	1	%	-	94	-
4-Bromofluorobenzene (surr.)	1	%	-	69	-

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Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jun 28, 2022	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Eurofins Suite B4			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Volatile Organics	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Semivolatile Organics	Sydney	Jun 28, 2022	7 Day
- Method: LTM-ORG-2190 SVOC in Water & Soil by GC-MS			
Organochlorine Pesticides	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Jun 28, 2022	7 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Metals M8 filtered	Sydney	Jun 28, 2022	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Per- and Polyfluoroalkyl Substances (PFASs)			
Perfluoroalkyl carboxylic acids (PFCAs)	Brisbane	Jun 28, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonamido substances	Brisbane	Jun 28, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluoroalkyl sulfonic acids (PFSAs)	Brisbane	Jun 28, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)	Brisbane	Jun 28, 2022	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			

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Company Name: ERM Sydney
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NSW 2000

Project Name: WPCG
Project ID: 0571466

Order No.:
Report #: 900799
Phone: 02 8584 8888
Fax: 02 8584 8800

Received: Jun 24, 2022 3:11 PM
Due: Jun 29, 2022
Priority: 3 Day
Contact Name: Nicholas Grbich

Eurofins Analytical Services Manager : Emma Beesley

Sample Detail						Metals M8 filtered	Suite B14: OCP/OPP	Eurofins Suite B4	BTEXN and Volatile TRH	Eurofins Suite SVV: SVOC/VOC	Per- and Polyfluoroalkyl Substances (PFASs)	BTEXN and Volatile TRH
Melbourne Laboratory - NATA # 1261 Site # 1254								X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794											X	
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**							
1	MW01	Jun 24, 2022		Water	S22-Jn0058972	X	X	X		X	X	
2	MW02	Jun 24, 2022		Water	S22-Jn0058973	X	X	X		X	X	
3	MW03	Jun 24, 2022		Water	S22-Jn0058974	X	X	X		X	X	
4	MW04	Jun 24, 2022		Water	S22-Jn0058975	X	X	X		X	X	
5	MW05	Jun 24, 2022		Water	S22-Jn0058976	X	X	X		X	X	
6	MW06	Jun 24, 2022		Water	S22-	X	X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794											X	
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
					Jn0058977							
7	MW07	Jun 24, 2022		Water	S22-Jn0058978	X	X	X		X	X	
8	MW08	Jun 24, 2022		Water	S22-Jn0058979	X	X	X		X	X	
9	MW09	Jun 24, 2022		Water	S22-Jn0058980	X	X	X		X	X	
10	MW10	Jun 24, 2022		Water	S22-Jn0058981	X	X	X		X	X	
11	MW11	Jun 24, 2022		Water	S22-Jn0058982	X	X	X		X	X	
12	D01_20220624	Jun 24, 2022		Water	S22-Jn0058983	X	X	X		X	X	

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Melbourne Laboratory - NATA # 1261 Site # 1254								X	X			
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X		X
Brisbane Laboratory - NATA # 1261 Site # 20794											X	
Mayfield Laboratory - NATA # 1261 Site # 25079												
Perth Laboratory - NATA # 2377 Site # 2370												
External Laboratory												
13	D02_20220624	Jun 24, 2022		Water	S22-Jn0058984						X	
14	TRIP SPIKE	Jun 24, 2022		Water	S22-Jn0058985							X
15	TRIP BLANK	Jun 24, 2022		Water	S22-Jn0058986				X			
Test Counts						13	12	12	1	12	13	1

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram
mg/L: milligrams per litre
µg/L: micrograms per litre
ppm: parts per million
ppb: parts per billion
%: Percentage
org/100 mL: Organisms per 100 millilitres
NTU: Nephelometric Turbidity Units
MPN/100 mL: Most Probable Number of organisms per 100 millilitres

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

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QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

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Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/L	< 0.002			0.002	Pass	
4.4'-DDD	mg/L	< 0.0002			0.0002	Pass	
4.4'-DDE	mg/L	< 0.0002			0.0002	Pass	
4.4'-DDT	mg/L	< 0.0002			0.0002	Pass	
a-HCH	mg/L	< 0.0002			0.0002	Pass	
Aldrin	mg/L	< 0.0002			0.0002	Pass	
b-HCH	mg/L	< 0.0002			0.0002	Pass	
d-HCH	mg/L	< 0.0002			0.0002	Pass	
Dieldrin	mg/L	< 0.0002			0.0002	Pass	
Endosulfan I	mg/L	< 0.0002			0.0002	Pass	
Endosulfan II	mg/L	< 0.0002			0.0002	Pass	
Endosulfan sulphate	mg/L	< 0.0002			0.0002	Pass	
Endrin	mg/L	< 0.0002			0.0002	Pass	
Endrin aldehyde	mg/L	< 0.0002			0.0002	Pass	
Endrin ketone	mg/L	< 0.0002			0.0002	Pass	
g-HCH (Lindane)	mg/L	< 0.0002			0.0002	Pass	
Heptachlor	mg/L	< 0.0002			0.0002	Pass	
Heptachlor epoxide	mg/L	< 0.0002			0.0002	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobenzene	mg/L	< 0.0002			0.0002	Pass	
Methoxychlor	mg/L	< 0.0002			0.0002	Pass	
Toxaphene	mg/L	< 0.005			0.005	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/L	< 0.002			0.002	Pass	
Bolstar	mg/L	< 0.002			0.002	Pass	
Chlorfenvinphos	mg/L	< 0.02			0.02	Pass	
Chlorpyrifos	mg/L	< 0.002			0.002	Pass	
Chlorpyrifos-methyl	mg/L	< 0.002			0.002	Pass	
Coumaphos	mg/L	< 0.02			0.02	Pass	
Demeton-S	mg/L	< 0.002			0.002	Pass	
Demeton-O	mg/L	< 0.002			0.002	Pass	
Diazinon	mg/L	< 0.002			0.002	Pass	
Dichlorvos	mg/L	< 0.002			0.002	Pass	
Dimethoate	mg/L	< 0.002			0.002	Pass	
Disulfoton	mg/L	< 0.002			0.002	Pass	
EPN	mg/L	< 0.002			0.002	Pass	
Ethion	mg/L	< 0.002			0.002	Pass	
Ethoprop	mg/L	< 0.002			0.002	Pass	
Ethyl parathion	mg/L	< 0.002			0.002	Pass	
Fenitrothion	mg/L	< 0.002			0.002	Pass	
Fensulfothion	mg/L	< 0.002			0.002	Pass	
Fenthion	mg/L	< 0.002			0.002	Pass	
Malathion	mg/L	< 0.002			0.002	Pass	
Merphos	mg/L	< 0.002			0.002	Pass	
Methyl parathion	mg/L	< 0.002			0.002	Pass	
Mevinphos	mg/L	< 0.002			0.002	Pass	
Monocrotophos	mg/L	< 0.002			0.002	Pass	
Naled	mg/L	< 0.002			0.002	Pass	
Omethoate	mg/L	< 0.02			0.02	Pass	
Phorate	mg/L	< 0.002			0.002	Pass	
Pirimiphos-methyl	mg/L	< 0.02			0.02	Pass	
Pyrazophos	mg/L	< 0.002			0.002	Pass	
Ronnel	mg/L	< 0.002			0.002	Pass	
Terbufos	mg/L	< 0.002			0.002	Pass	
Tetrachlorvinphos	mg/L	< 0.002			0.002	Pass	
Tokuthion	mg/L	< 0.002			0.002	Pass	
Trichloronate	mg/L	< 0.002			0.002	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	ug/L	< 0.05			0.05	Pass	
Perfluoropentanoic acid (PFPeA)	ug/L	< 0.01			0.01	Pass	
Perfluorohexanoic acid (PFHxA)	ug/L	< 0.01			0.01	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluoroheptanoic acid (PFHpA)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanoic acid (PFOA)	ug/L	< 0.01			0.01	Pass	
Perfluorononanoic acid (PFNA)	ug/L	< 0.01			0.01	Pass	
Perfluorodecanoic acid (PFDA)	ug/L	< 0.01			0.01	Pass	
Perfluorododecanoic acid (PFDoDA)	ug/L	< 0.01			0.01	Pass	
Perfluorotridecanoic acid (PFTrDA)	ug/L	< 0.01			0.01	Pass	
Perfluorotetradecanoic acid (PFTeDA)	ug/L	< 0.01			0.01	Pass	
Method Blank							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	ug/L	< 0.05			0.05	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	ug/L	< 0.05			0.05	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	ug/L	< 0.05			0.05	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	ug/L	< 0.05			0.05	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	ug/L	< 0.05			0.05	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ug/L	< 0.05			0.05	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ug/L	< 0.05			0.05	Pass	
Method Blank							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	ug/L	< 0.01			0.01	Pass	
Perfluorononanesulfonic acid (PFNS)	ug/L	< 0.01			0.01	Pass	
Perfluoropropanesulfonic acid (PFPrS)	ug/L	< 0.01			0.01	Pass	
Perfluoropentanesulfonic acid (PFPeS)	ug/L	< 0.01			0.01	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/L	< 0.01			0.01	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/L	< 0.01			0.01	Pass	
Perfluorodecanesulfonic acid (PFDS)	ug/L	< 0.01			0.01	Pass	
Method Blank							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	ug/L	< 0.01			0.01	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/L	< 0.05			0.05	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	ug/L	< 0.01			0.01	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	ug/L	< 0.01			0.01	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	117			70-130	Pass	
TRH C10-C14	%	91			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
TRH C6-C10	%	110			70-130	Pass	
TRH >C10-C16	%	123			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	93			70-130	Pass	
Toluene	%	90			70-130	Pass	
Ethylbenzene	%	91			70-130	Pass	
m&p-Xylenes	%	92			70-130	Pass	
o-Xylene	%	89			70-130	Pass	
Xylenes - Total*	%	91			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	101			70-130	Pass	
1.1.1-Trichloroethane	%	98			70-130	Pass	
1.2-Dichlorobenzene	%	107			70-130	Pass	
1.2-Dichloroethane	%	112			70-130	Pass	
Trichloroethene	%	98			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	75			70-130	Pass	
Acenaphthylene	%	77			70-130	Pass	
Anthracene	%	88			70-130	Pass	
Benz(a)anthracene	%	80			70-130	Pass	
Benzo(a)pyrene	%	78			70-130	Pass	
Benzo(b&j)fluoranthene	%	80			70-130	Pass	
Benzo(k)fluoranthene	%	83			70-130	Pass	
Chrysene	%	90			70-130	Pass	
Dibenz(a.h)anthracene	%	91			70-130	Pass	
Fluoranthene	%	98			70-130	Pass	
Fluorene	%	95			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	89			70-130	Pass	
Phenanthrene	%	85			70-130	Pass	
Pyrene	%	89			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	118			70-130	Pass	
4.4'-DDD	%	103			70-130	Pass	
4.4'-DDE	%	119			70-130	Pass	
4.4'-DDT	%	90			70-130	Pass	
a-HCH	%	99			70-130	Pass	
Aldrin	%	118			70-130	Pass	
b-HCH	%	114			70-130	Pass	
d-HCH	%	105			70-130	Pass	
Dieldrin	%	93			70-130	Pass	
Endosulfan I	%	102			70-130	Pass	
Endosulfan II	%	87			70-130	Pass	
Endosulfan sulphate	%	104			70-130	Pass	
Endrin	%	106			70-130	Pass	
Endrin aldehyde	%	113			70-130	Pass	
Endrin ketone	%	115			70-130	Pass	
g-HCH (Lindane)	%	106			70-130	Pass	
Heptachlor	%	118			70-130	Pass	
Heptachlor epoxide	%	129			70-130	Pass	
Hexachlorobenzene	%	91			70-130	Pass	
Methoxychlor	%	100			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	99			70-130	Pass	
Dimethoate	%	83			70-130	Pass	
Ethion	%	88			70-130	Pass	
Fenitrothion	%	114			70-130	Pass	
Methyl parathion	%	109			70-130	Pass	
Mevinphos	%	103			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
1.4-Dichlorobenzene	%	115			70-130	Pass	
2-Chlorophenol	%	116			25-140	Pass	
2.4-Dinitrotoluene	%	115			70-130	Pass	
4-Chloro-3-methylphenol	%	109			25-140	Pass	
4-Nitrophenol	%	96			25-140	Pass	
Acenaphthene	%	119			70-130	Pass	

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Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
N-Nitrosodipropylamine	%	101			70-130	Pass	
Pentachlorophenol	%	110			25-140	Pass	
Phenol	%	100			25-140	Pass	
Pyrene	%	100			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	108			80-120	Pass	
Cadmium (filtered)	%	101			80-120	Pass	
Chromium (filtered)	%	102			80-120	Pass	
Copper (filtered)	%	96			80-120	Pass	
Lead (filtered)	%	100			80-120	Pass	
Mercury (filtered)	%	98			80-120	Pass	
Nickel (filtered)	%	100			80-120	Pass	
Zinc (filtered)	%	98			80-120	Pass	
LCS - % Recovery							
Perfluoroalkyl carboxylic acids (PFCAs)							
Perfluorobutanoic acid (PFBA)	%	95			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	%	89			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	%	94			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	%	89			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	88			50-150	Pass	
Perfluorononanoic acid (PFNA)	%	86			50-150	Pass	
Perfluorodecanoic acid (PFDA)	%	84			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	%	86			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	%	93			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	%	130			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	%	94			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonamido substances							
Perfluorooctane sulfonamide (FOSA)	%	97			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	%	86			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	%	88			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	%	110			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	%	90			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	%	86			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	%	97			50-150	Pass	
LCS - % Recovery							
Perfluoroalkyl sulfonic acids (PFSAs)							
Perfluorobutanesulfonic acid (PFBS)	%	93			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	%	84			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	%	106			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	%	96			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	85			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	%	92			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	85			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	%	72			50-150	Pass	
LCS - % Recovery							
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)							
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	%	97			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	96			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	%	95			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	%	86			50-150	Pass	

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	R22-Jn0047791	NCP	%	99			70-130	Pass	
TRH C10-C14	S22-Jn0055861	NCP	%	75			70-130	Pass	
Naphthalene	R22-Jn0047791	NCP	%	89			70-130	Pass	
TRH C6-C10	R22-Jn0047791	NCP	%	89			70-130	Pass	
TRH >C10-C16	S22-Jn0055861	NCP	%	83			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	R22-Jn0047791	NCP	%	91			70-130	Pass	
Toluene	R22-Jn0047791	NCP	%	90			70-130	Pass	
Ethylbenzene	R22-Jn0047791	NCP	%	88			70-130	Pass	
m&p-Xylenes	R22-Jn0047791	NCP	%	90			70-130	Pass	
o-Xylene	R22-Jn0047791	NCP	%	87			70-130	Pass	
Xylenes - Total*	R22-Jn0047791	NCP	%	89			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	S22-Jn0054486	NCP	%	96			70-130	Pass	
1.1.1-Trichloroethane	S22-Jn0054486	NCP	%	88			70-130	Pass	
1.2-Dichlorobenzene	S22-Jn0054486	NCP	%	103			70-130	Pass	
1.2-Dichloroethane	S22-Jn0054486	NCP	%	106			70-130	Pass	
Trichloroethene	S22-Jn0054486	NCP	%	91			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S22-Jn0052502	NCP	%	81			70-130	Pass	
4.4'-DDD	S22-Jn0052502	NCP	%	76			70-130	Pass	
4.4'-DDE	S22-Jn0052502	NCP	%	84			70-130	Pass	
4.4'-DDT	S22-Jn0052502	NCP	%	79			70-130	Pass	
a-HCH	S22-Jn0052502	NCP	%	93			70-130	Pass	
Aldrin	S22-Jn0052502	NCP	%	87			70-130	Pass	
b-HCH	S22-Jn0052502	NCP	%	97			70-130	Pass	
d-HCH	S22-Jn0052502	NCP	%	94			70-130	Pass	
Dieldrin	S22-Jn0052502	NCP	%	80			70-130	Pass	
Endosulfan I	S22-Jn0052502	NCP	%	77			70-130	Pass	
Endosulfan II	S22-Jn0052502	NCP	%	83			70-130	Pass	
Endosulfan sulphate	S22-Jn0052502	NCP	%	83			70-130	Pass	
Endrin	S22-Jn0052502	NCP	%	93			70-130	Pass	
Endrin aldehyde	S22-Jn0052502	NCP	%	97			70-130	Pass	
Endrin ketone	S22-Jn0052502	NCP	%	89			70-130	Pass	
g-HCH (Lindane)	S22-Jn0052502	NCP	%	99			70-130	Pass	
Heptachlor	S22-Jn0052502	NCP	%	84			70-130	Pass	
Heptachlor epoxide	S22-Jn0052502	NCP	%	91			70-130	Pass	
Hexachlorobenzene	S22-Jn0052502	NCP	%	72			70-130	Pass	
Methoxychlor	S22-Jn0052502	NCP	%	71			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S22-Jn0052502	NCP	%	106			70-130	Pass	
Dimethoate	S22-Jn0052502	NCP	%	90			70-130	Pass	
Ethion	S22-Jn0052502	NCP	%	79			70-130	Pass	
Fenitrothion	S22-Jn0052502	NCP	%	91			70-130	Pass	
Methyl parathion	S22-Jn0052502	NCP	%	101			70-130	Pass	
Mevinphos	S22-Jn0052502	NCP	%	106			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Arsenic (filtered)	S22-Jn0057750	NCP	%	109			75-125	Pass	
Cadmium (filtered)	S22-Jn0057750	NCP	%	108			75-125	Pass	
Chromium (filtered)	S22-Jn0057750	NCP	%	101			75-125	Pass	
Copper (filtered)	S22-Jn0057750	NCP	%	99			75-125	Pass	
Lead (filtered)	S22-Jn0057750	NCP	%	97			75-125	Pass	
Mercury (filtered)	S22-Jn0057750	NCP	%	119			75-125	Pass	
Nickel (filtered)	S22-Jn0057750	NCP	%	96			75-125	Pass	
Zinc (filtered)	S22-Jn0055971	NCP	%	97			75-125	Pass	
Spike - % Recovery									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1					
Perfluorobutanoic acid (PFBA)	S22-Jn0058973	CP	%	93			50-150	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0058973	CP	%	91			50-150	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0058973	CP	%	92			50-150	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0058973	CP	%	93			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0058973	CP	%	89			50-150	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0058973	CP	%	86			50-150	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0058973	CP	%	92			50-150	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0058973	CP	%	92			50-150	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0058973	CP	%	103			50-150	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0058973	CP	%	119			50-150	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0058973	CP	%	97			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonamido substances				Result 1					
Perfluorooctane sulfonamide (FOSA)	S22-Jn0058973	CP	%	92			50-150	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0058973	CP	%	97			50-150	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0058973	CP	%	90			50-150	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0058973	CP	%	102			50-150	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0058973	CP	%	96			50-150	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0058973	CP	%	88			50-150	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0058973	CP	%	81			50-150	Pass	
Spike - % Recovery									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1					
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0058973	CP	%	88			50-150	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0058973	CP	%	83			50-150	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0058973	CP	%	96			50-150	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0058973	CP	%	104			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0058973	CP	%	93			50-150	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0058973	CP	%	110			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0058973	CP	%	97			50-150	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0058973	CP	%	74			50-150	Pass	
Spike - % Recovery									

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Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1					
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0058973	CP	%	93			50-150	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0058973	CP	%	92			50-150	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0058973	CP	%	94			50-150	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0058973	CP	%	93			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	R22-Jn0047794	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C10-C14	S22-Jn0058972	CP	mg/L	0.50	< 0.5	<1	30%	Pass	
TRH C15-C28	S22-Jn0058972	CP	mg/L	< 1	< 1	<1	30%	Pass	
TRH C29-C36	S22-Jn0058972	CP	mg/L	< 1	< 1	<1	30%	Pass	
Naphthalene	R22-Jn0047794	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
TRH C6-C10	R22-Jn0047794	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH >C10-C16	S22-Jn0058972	CP	mg/L	< 0.5	< 0.5	<1	30%	Pass	
TRH >C16-C34	S22-Jn0058972	CP	mg/L	< 1	< 1	<1	30%	Pass	
TRH >C34-C40	S22-Jn0058972	CP	mg/L	< 1	< 1	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	R22-Jn0047794	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	R22-Jn0047794	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	R22-Jn0047794	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	R22-Jn0047794	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	R22-Jn0047794	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	R22-Jn0047794	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1-Dichloroethene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1-Trichloroethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2-Trichloroethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dibromoethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichlorobenzene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloroethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloropropane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.3-Trichloropropane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.4-Trimethylbenzene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichlorobenzene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichloropropane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3.5-Trimethylbenzene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.4-Dichlorobenzene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
2-Butanone (MEK)	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Propanone (Acetone)	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorotoluene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Allyl chloride	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

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Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Bromobenzene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromomethane	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Carbon disulfide	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Carbon Tetrachloride	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorobenzene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chloroethane	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloroform	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloromethane	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
cis-1.2-Dichloroethene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
cis-1.3-Dichloropropene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromochloromethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromomethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorodifluoromethane	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Iodomethane	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Isopropyl benzene (Cumene)	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Methylene Chloride	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Styrene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachloroethene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.2-Dichloroethene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.3-Dichloropropene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloroethene	W22-Jn0054628	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichlorofluoromethane	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Vinyl chloride	W22-Jn0054628	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
4.4'-DDD	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDE	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDT	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
a-HCH	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Aldrin	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
b-HCH	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
d-HCH	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Dieldrin	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan I	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan II	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan sulphate	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin aldehyde	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin ketone	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
g-HCH (Lindane)	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Heptachlor	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Heptachlor epoxide	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Hexachlorobenzene	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Methoxychlor	S22-Jn0052505	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Bolstar	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Chlorfenvinphos	S22-Jn0052505	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Chlorpyrifos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	

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Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Chlorpyrifos-methyl	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Coumaphos	S22-Jn0052505	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Demeton-S	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Demeton-O	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Diazinon	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dichlorvos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dimethoate	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Disulfoton	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
EPN	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethoprop	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethyl parathion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenitrothion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fensulfothion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenthion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Malathion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Merphos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methyl parathion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Mevinphos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Monocrotophos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Naled	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Omethoate	S22-Jn0052505	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Phorate	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Pirimiphos-methyl	S22-Jn0052505	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Pyrazophos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ronnel	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Terbufos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Tetrachlorvinphos	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Tokuthion	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Trichloronate	S22-Jn0052505	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorododecanoic acid (PFDoDA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0058972	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0058972	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic (filtered)	S22-Jn0058973	CP	mg/L	0.002	0.001	7.0	30%	Pass	
Cadmium (filtered)	S22-Jn0058973	CP	mg/L	< 0.0002	0.0004	63	30%	Fail	Q15
Chromium (filtered)	S22-Jn0058973	CP	mg/L	0.002	0.002	13	30%	Pass	
Copper (filtered)	S22-Jn0058973	CP	mg/L	0.009	0.009	1.0	30%	Pass	
Lead (filtered)	S22-Jn0058973	CP	mg/L	0.001	0.001	7.0	30%	Pass	
Mercury (filtered)	S22-Jn0058973	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel (filtered)	S22-Jn0058973	CP	mg/L	0.010	0.009	5.0	30%	Pass	
Zinc (filtered)	S22-Jn0058973	CP	mg/L	0.008	0.007	15	30%	Pass	
Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorobutanoic acid (PFBA)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Perfluoropentanoic acid (PFPeA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorohexanoic acid (PFHxA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroheptanoic acid (PFHpA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorononanoic acid (PFNA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorodecanoic acid (PFDA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroundecanoic acid (PFUnDA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	

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Duplicate									
Perfluoroalkyl carboxylic acids (PFCAs)				Result 1	Result 2	RPD			
Perfluorododecanoic acid (PFDoDA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorotridecanoic acid (PFTrDA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorotetradecanoic acid (PFTeDA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonamido substances				Result 1	Result 2	RPD			
Perfluorooctane sulfonamide (FOSA)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Perfluoroalkyl sulfonic acids (PFSAs)				Result 1	Result 2	RPD			
Perfluorobutanesulfonic acid (PFBS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorononanesulfonic acid (PFNS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoropropanesulfonic acid (PFPrS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoropentanesulfonic acid (PFPeS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluoroheptanesulfonic acid (PFHpS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Perfluorodecanesulfonic acid (PFDS)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S22-Jn0058981	CP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	S22-Jn0058981	CP	ug/L	< 0.01	< 0.01	<1	30%	Pass	

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Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
G01	The LORs have been raised due to matrix interference
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
N15	Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation).
Q09	The Surrogate recovery is outside of the recommended acceptance criteria due to matrix interference. Acceptance criteria were met for all other QC
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

Emma Beesley	Analytical Services Manager
Gabriele Cordero	Senior Analyst-Metal
Jonathon Angell	Senior Analyst-PFAS
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-Volatile

Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

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ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **ES2141124**	Page	: 1 of 15
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 12-Nov-2021 18:00
Order number	: ----	Date Analysis Commenced	: 16-Nov-2021
C-O-C number	: ----	Issue Date	: 19-Nov-2021 11:26
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 4		
No. of samples analysed	: 4		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Inorganics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Wisam Marassa	Inorganics Coordinator	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Sum of chlorinated hydrocarbons includes carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichlorothene, trans-1,2-dichlorothene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, hexachlorobutadiene and methylene chloride.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EG005T: Poor precision was obtained for Chromium and Vanadium on sample ES21411579 # 002. Confirmed by redigestion and reanalysis.
- EP075: Where reported, 'Sum of PAH' is the sum of the USEPA 16 priority PAHs
- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS (Australian HEPA) and also conform to QSM 5.3 (US DoD) requirements.

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	0.1	%	----	18.5	----	14.9	----
Moisture Content	----	1.0	%	17.9	----	13.6	----	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	6	----	10	----	----
Cadmium	7440-43-9	1	mg/kg	<1	----	<1	----	----
Chromium	7440-47-3	2	mg/kg	19	----	28	----	----
Copper	7440-50-8	5	mg/kg	20	----	9	----	----
Lead	7439-92-1	5	mg/kg	15	----	24	----	----
Nickel	7440-02-0	2	mg/kg	7	----	7	----	----
Zinc	7440-66-6	5	mg/kg	19	----	10	----	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	----	<0.1	----	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	----	<0.05	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	----	<0.05	----	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	----	<0.05	----	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	----	<0.05	----	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	----	<0.05	----	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	----	<0.05	----	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	----	<0.05	----	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	----	<0.05	----	----
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	----	<0.05	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	----	<0.05	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	----	<0.05	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	----	<0.05	----	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	----	<0.05	----	----
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	----	<0.05	----	----
Endrin	72-20-8	0.05	mg/kg	<0.05	----	<0.05	----	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	----	<0.05	----	----
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	<0.05	----	<0.05	----	----
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	----	<0.05	----	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	----	<0.05	----	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	----	<0.05	----	----
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	----	<0.2	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP068A: Organochlorine Pesticides (OC) - Continued								
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	----	<0.05	----	----
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	----	<0.2	----	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg	<0.05	----	<0.05	----	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	----	<0.05	----	----
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	----	<0.05	----	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	----	<0.05	----	----
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	----	<0.2	----	----
Dimethoate	60-51-5	0.05	mg/kg	<0.05	----	<0.05	----	----
Diazinon	333-41-5	0.05	mg/kg	<0.05	----	<0.05	----	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	----	<0.05	----	----
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	----	<0.2	----	----
Malathion	121-75-5	0.05	mg/kg	<0.05	----	<0.05	----	----
Fenthion	55-38-9	0.05	mg/kg	<0.05	----	<0.05	----	----
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	----	<0.05	----	----
Parathion	56-38-2	0.2	mg/kg	<0.2	----	<0.2	----	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	----	<0.05	----	----
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	----	<0.05	----	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	----	<0.05	----	----
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	----	<0.05	----	----
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	----	<0.05	----	----
Ethion	563-12-2	0.05	mg/kg	<0.05	----	<0.05	----	----
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	----	<0.05	----	----
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	----	<0.05	----	----
EP074A: Monocyclic Aromatic Hydrocarbons								
Styrene	100-42-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	----	<0.5	----	----
n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	----	<0.5	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	----	<0.5	----	----
sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	----	<0.5	----	----
tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	----	<0.5	----	----
p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	----	<0.5	----	----
n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	----	<0.5	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP074A: Monocyclic Aromatic Hydrocarbons - Continued								
EP074B: Oxygenated Compounds								
Vinyl Acetate	108-05-4	5	mg/kg	<5	----	<5	----	----
2-Butanone (MEK)	78-93-3	5	mg/kg	<5	----	<5	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	----	<5	----	----
2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	----	<5	----	----
EP074C: Sulfonated Compounds								
Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	----	<0.5	----	----
EP074D: Fumigants								
2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	----	<0.5	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	----	<0.5	----	----
trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	----	<0.5	----	----
EP074E: Halogenated Aliphatic Compounds								
Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	----	<5	----	----
Chloromethane	74-87-3	5	mg/kg	<5	----	<5	----	----
Vinyl chloride	75-01-4	5	mg/kg	<5	----	<5	----	----
Bromomethane	74-83-9	5	mg/kg	<5	----	<5	----	----
Chloroethane	75-00-3	5	mg/kg	<5	----	<5	----	----
Trichlorofluoromethane	75-69-4	5	mg/kg	<5	----	<5	----	----
1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	----	<0.5	----	----
Iodomethane	74-88-4	0.5	mg/kg	<0.5	----	<0.5	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	----	<0.5	----	----
1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	----	<0.5	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	----	<0.5	----	----
1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	----	<0.5	----	----
1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	----	<0.5	----	----
Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	----	<0.5	----	----
Trichloroethene	79-01-6	0.5	mg/kg	<0.5	----	<0.5	----	----
Dibromomethane	74-95-3	0.5	mg/kg	<0.5	----	<0.5	----	----
1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	----	<0.5	----	----
1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	----	<0.5	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP074E: Halogenated Aliphatic Compounds - Continued								
1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	----	<0.5	----	----
trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	----	<0.5	----	----
cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	----	<0.5	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	----	<0.5	----	----
Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	----	<0.5	----	----
EP074F: Halogenated Aromatic Compounds								
Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Bromobenzene	108-86-1	0.5	mg/kg	<0.5	----	<0.5	----	----
2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	----	<0.5	----	----
EP074G: Trihalomethanes								
Chloroform	67-66-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	----	<0.5	----	----
Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	----	<0.5	----	----
Bromoform	75-25-2	0.5	mg/kg	<0.5	----	<0.5	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	<0.5	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	<0.5	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	----	<0.5	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued								
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	----	<0.5	----	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	----	<0.5	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	----	<0.5	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	----	**0.6**	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	----	**1.2**	----	----
EP075A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	----	<0.5	----	----
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	----	<0.5	----	----
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	----	<0.5	----	----
3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	----	<0.5	----	----
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	----	<0.5	----	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	----	<0.5	----	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	----	<0.5	----	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	----	<0.5	----	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	----	<0.5	----	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	----	<0.5	----	----
Pentachlorophenol	87-86-5	1	mg/kg	<1	----	<1	----	----
EP075B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	<0.5	----	----
2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	----	<0.5	----	----
2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	<0.5	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	<0.5	----	----
N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	----	<1	----	----
7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	----	<0.5	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP075B: Polynuclear Aromatic Hydrocarbons - Continued								
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	<0.5	----	----
3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	----	<0.5	----	----
^ Sum of PAHs	----	0.5	mg/kg	<0.5	----	<0.5	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	----	<0.5	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	----	**0.6**	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	----	**1.2**	----	----
EP075C: Phthalate Esters								
Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	----	<0.5	----	----
Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	----	<0.5	----	----
Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	----	<0.5	----	----
bis(2-ethylhexyl) phthalate	117-81-7	5.0	mg/kg	<5.0	----	<5.0	----	----
Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	----	<0.5	----	----
EP075D: Nitrosamines								
N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	----	<0.5	----	----
N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	----	<0.5	----	----
N-Nitrosopyrrolidine	930-55-2	1.0	mg/kg	<1.0	----	<1.0	----	----
N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	----	<0.5	----	----
N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	----	<0.5	----	----
N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	----	<0.5	----	----
N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	----	<0.5	----	----
N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	1.0	mg/kg	<1.0	----	<1.0	----	----
Methapyrilene	91-80-5	0.5	mg/kg	<0.5	----	<0.5	----	----
EP075E: Nitroaromatics and Ketones								
2-Picoline	109-06-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Acetophenone	98-86-2	0.5	mg/kg	<0.5	----	<0.5	----	----
Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Isophorone	78-59-1	0.5	mg/kg	<0.5	----	<0.5	----	----
2.6-Dinitrotoluene	606-20-2	1.0	mg/kg	<1.0	----	<1.0	----	----
2.4-Dinitrotoluene	121-14-2	1.0	mg/kg	<1.0	----	<1.0	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP075E: Nitroaromatics and Ketones - Continued								
1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	----	<0.5	----	----
5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Azobenzene	103-33-3	1	mg/kg	<1	----	<1	----	----
1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	----	<0.5	----	----
Phenacetin	62-44-2	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	----	<0.5	----	----
Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Pronamide	23950-58-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	----	<0.5	----	----
EP075F: Haloethers								
Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	----	<0.5	----	----
Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	----	<0.5	----	----
EP075G: Chlorinated Hydrocarbons								
1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	----	<0.5	----	----
1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	----	<0.5	----	----
Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	----	<0.5	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	----	<0.5	----	----
Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	----	<2.5	----	----
Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Hexachlorobenzene (HCB)	118-74-1	1.0	mg/kg	<1.0	----	<1.0	----	----
EP075H: Anilines and Benzidines								
Aniline	62-53-3	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	----	<0.5	----	----
2-Nitroaniline	88-74-4	1.0	mg/kg	<1.0	----	<1.0	----	----
3-Nitroaniline	99-09-2	1.0	mg/kg	<1.0	----	<1.0	----	----
Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	----	<0.5	----	----
4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	----	<0.5	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP075H: Anilines and Benzidines - Continued								
Carbazole	86-74-8	0.5	mg/kg	<0.5	----	<0.5	----	----
3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	----	<0.5	----	----
EP075I: Organochlorine Pesticides								
alpha-BHC	319-84-6	0.5	mg/kg	<0.5	----	<0.5	----	----
beta-BHC	319-85-7	0.5	mg/kg	<0.5	----	<0.5	----	----
gamma-BHC	58-89-9	0.5	mg/kg	<0.5	----	<0.5	----	----
delta-BHC	319-86-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Heptachlor	76-44-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Aldrin	309-00-2	0.5	mg/kg	<0.5	----	<0.5	----	----
Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	----	<0.5	----	----
alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	----	<0.5	----	----
4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Dieldrin	60-57-1	0.5	mg/kg	<0.5	----	<0.5	----	----
Endrin	72-20-8	0.5	mg/kg	<0.5	----	<0.5	----	----
beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	----	<0.5	----	----
4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	----	<0.5	----	----
Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	----	<0.5	----	----
4.4`-DDT	50-29-3	1.0	mg/kg	<1.0	----	<1.0	----	----
EP075J: Organophosphorus Pesticides								
Dichlorvos	62-73-7	0.5	mg/kg	<0.5	----	<0.5	----	----
Dimethoate	60-51-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Diazinon	333-41-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	----	<0.5	----	----
Malathion	121-75-5	0.5	mg/kg	<0.5	----	<0.5	----	----
Fenthion	55-38-9	0.5	mg/kg	<0.5	----	<0.5	----	----
Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	----	<0.5	----	----
Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	----	<0.5	----	----
Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	----	<0.5	----	----
Prothiofos	34643-46-4	0.5	mg/kg	<0.5	----	<0.5	----	----
Ethion	563-12-2	0.5	mg/kg	<0.5	----	<0.5	----	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	10	mg/kg	<10	----	<10	----	----
C10 - C14 Fraction	----	50	mg/kg	<50	----	<50	----	----
C15 - C28 Fraction	----	100	mg/kg	<100	----	<100	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP080/071: Total Petroleum Hydrocarbons - Continued								
C29 - C36 Fraction	----	100	mg/kg	<100	----	<100	----	----
^ C10 - C36 Fraction (sum)	----	50	mg/kg	<50	----	<50	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	10	mg/kg	<10	----	<10	----	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg	<10	----	<10	----	----
>C10 - C16 Fraction	----	50	mg/kg	<50	----	<50	----	----
>C16 - C34 Fraction	----	100	mg/kg	<100	----	<100	----	----
>C34 - C40 Fraction	----	100	mg/kg	<100	----	<100	----	----
^ >C10 - C40 Fraction (sum)	----	50	mg/kg	<50	----	<50	----	----
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg	<50	----	<50	----	----
EP080: BTEXN								
Benzene	71-43-2	0.2	mg/kg	<0.2	----	<0.2	----	----
Toluene	108-88-3	0.5	mg/kg	<0.5	----	<0.5	----	----
Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	----	<0.5	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	----	<0.5	----	----
ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	----	<0.5	----	----
^ Sum of BTEX	----	0.2	mg/kg	<0.2	----	<0.2	----	----
^ Total Xylenes	----	0.5	mg/kg	<0.5	----	<0.5	----	----
Naphthalene	91-20-3	1	mg/kg	<1	----	<1	----	----
EP231A: Perfluoroalkyl Sulfonic Acids								
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
EP231B: Perfluoroalkyl Carboxylic Acids								

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP231B: Perfluoroalkyl Carboxylic Acids - Continued								
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	<0.001	<0.001	----
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
EP231C: Perfluoroalkyl Sulfonamides								
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids								
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued								
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	<0.0005	<0.0005	----
EP231P: PFAS Sums								
Sum of PFAS	----	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg	<0.0002	<0.0002	<0.0002	<0.0002	----
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE	21655-73-2	0.05	%	109	----	123	----	----
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.05	%	128	----	134	----	----
EP074S: VOC Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.5	%	90.0	----	85.0	----	----
Toluene-D8	2037-26-5	0.5	%	91.2	----	85.4	----	----
4-Bromofluorobenzene	460-00-4	0.5	%	81.6	----	82.4	----	----
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.5	%	92.1	----	96.5	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	88.1	----	92.0	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	72.1	----	70.6	----	----
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.5	%	92.8	----	97.5	----	----
Anthracene-d10	1719-06-8	0.5	%	88.2	----	92.4	----	----
4-Terphenyl-d14	1718-51-0	0.5	%	85.1	----	90.0	----	----
EP075S: Acid Extractable Surrogates								
2-Fluorophenol	367-12-4	0.5	%	85.5	----	77.9	----	----
Phenol-d6	13127-88-3	0.5	%	88.8	----	81.8	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	98.3	----	87.8	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	100	----	89.2	----	----
EP075T: Base/Neutral Extractable Surrogates								
Nitrobenzene-D5	4165-60-0	0.5	%	90.3	----	84.7	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211102_T01	20211102_T02	20211102_T03	20211102_T04	----
			Sampling date / time	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	02-Nov-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2141124-001	ES2141124-002	ES2141124-003	ES2141124-004	--------
				Result	Result	Result	Result	----
EP075T: Base/Neutral Extractable Surrogates - Continued								
1.2-Dichlorobenzene-D4	2199-69-1	0.5	%	89.4	----	78.9	----	----
2-Fluorobiphenyl	321-60-8	0.5	%	107	----	125	----	----
Anthracene-d10	1719-06-8	0.5	%	100	----	97.6	----	----
4-Terphenyl-d14	1718-51-0	0.5	%	111	----	103	----	----
EP080S: TPH(V)/BTEX Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.2	%	88.1	----	80.1	----	----
Toluene-D8	2037-26-5	0.2	%	90.9	----	79.1	----	----
4-Bromofluorobenzene	460-00-4	0.2	%	83.4	----	75.2	----	----
EP231S: PFAS Surrogate								
13C4-PFOS	----	0.0002	%	92.0	108	101	98.0	----
13C8-PFOA	----	0.0002	%	97.0	94.0	90.5	100	----

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Surrogate Control Limits

Sub-Matrix: **SOIL**

Compound	CAS Number	Recovery Limits (%) Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP074S: VOC Surrogates			
1.2-Dichloroethane-D4	17060-07-0	64	130
Toluene-D8	2037-26-5	66	136
4-Bromofluorobenzene	460-00-4	60	122
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	29	149
Phenol-d6	13127-88-3	32	128
2-Chlorophenol-D4	93951-73-6	32	128
2.4.6-Tribromophenol	118-79-6	13	121
EP075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-D5	4165-60-0	33	125
1.2-Dichlorobenzene-D4	2199-69-1	34	108
2-Fluorobiphenyl	321-60-8	35	121
Anthracene-d10	1719-06-8	35	123
4-Terphenyl-d14	1718-51-0	33	125
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	73	133
Toluene-D8	2037-26-5	74	132
4-Bromofluorobenzene	460-00-4	72	130
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

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ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **ES2141124**	Page	: 1 of 24
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 12-Nov-2021
Order number	: ----	Date Analysis Commenced	: 16-Nov-2021
C-O-C number	: ----	Issue Date	: 19-Nov-2021
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 4		
No. of samples analysed	: 4		

Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Inorganics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Wisam Marassa	Inorganics Coordinator	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 4018547)									
EB2131742-003	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	24	30	21.0	0% - 50%
		EG005T: Nickel	7440-02-0	2	mg/kg	10	9	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	14	9	47.4	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	39	35	11.9	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	42	41	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	92	90	1.6	0% - 50%
ES2141157-002	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	64	# 111	54.0	0% - 20%
		EG005T: Nickel	7440-02-0	2	mg/kg	16	11	34.9	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	54	47	12.9	0% - 50%
		EG005T: Copper	7440-50-8	5	mg/kg	73	76	4.0	0% - 50%
		EG005T: Lead	7439-92-1	5	mg/kg	56	73	27.0	0% - 50%
		EG005T: Zinc	7440-66-6	5	mg/kg	233	247	5.8	0% - 20%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4017752)									
ES2141124-002	20211102_T02	EA055: Moisture Content	----	0.1	%	18.5	18.5	0.0	0% - 20%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4018555)									
ES2140984-003	Anonymous	EA055: Moisture Content	----	0.1	%	18.0	17.1	4.6	0% - 50%
ES2141262-001	Anonymous	EA055: Moisture Content	----	0.1	%	13.5	14.6	7.8	0% - 50%
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 4018546)									
EB2131742-003	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.1	0.0	No Limit
ES2141157-002	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4015455)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4015455) - continued									
ES2141124-001	20211102_T01	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 4015455)									
ES2141124-001	20211102_T01	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 4015455) - continued									
ES2141124-001	20211102_T01	EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4016329)									
ES2141124-001	20211102_T01	EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	Anonymous	EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 4016329)									
ES2141124-001	20211102_T01	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit
ES2141125-001	Anonymous	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 4016329)									
ES2141124-001	20211102_T01	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	Anonymous	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074D: Fumigants (QC Lot: 4016329)									
ES2141124-001	20211102_T01	EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074D: Fumigants (QC Lot: 4016329) - continued									
ES2141125-001	Anonymous	EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4016329)									
ES2141124-001	20211102_T01	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
ES2141125-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4016329) - continued									
ES2141125-001	Anonymous	EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 4016329)									
ES2141124-001	20211102_T01	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	Anonymous	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 4016329)									
ES2141124-001	20211102_T01	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	Anonymous	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015453)									

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Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report					
				LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015453) - continued									
ES2141124-001	20211102_T01	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075A: Phenolic Compounds (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	<1	0.0	No Limit
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report					
				LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015454) - continued									
ES2141124-001	20211102_T01	EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	<1	0.0	No Limit
EP075C: Phthalate Esters (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075D: Nitrosamines (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075E: Nitroaromatics and Ketones (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075E: Nitroaromatics and Ketones (QC Lot: 4015454) - continued									
ES2141124-001	20211102_T01	EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Azobenzene	103-33-3	1	mg/kg	<1	<1	0.0	No Limit
EP075F: Haloethers (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075G: Chlorinated Hydrocarbons (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	<2.5	0.0	No Limit
EP075H: Anilines and Benzidines (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075I: Organochlorine Pesticides (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075I: Organochlorine Pesticides (QC Lot: 4015454) - continued									
ES2141124-001	20211102_T01	EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
EP075J: Organophosphorus Pesticides (QC Lot: 4015454)									
ES2141124-001	20211102_T01	EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4015452)									
ES2141124-001	20211102_T01	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4016328)									
ES2141124-001	20211102_T01	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
ES2141125-001	Anonymous	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4015452)									
ES2141124-001	20211102_T01	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4016328)									
ES2141124-001	20211102_T01	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
ES2141125-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
EP080: BTEXN (QC Lot: 4016328)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP080: BTEXN (QC Lot: 4016328) - continued									
ES2141124-001	20211102_T01	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
ES2141125-001	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4017540)									
ES2141124-001	20211102_T01	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 4017540)									
ES2141124-001	20211102_T01	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4017540)									
ES2141124-001	20211102_T01	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4017540) - continued									
ES2141124-001	20211102_T01	EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4017540)									
ES2141124-001	20211102_T01	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit

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Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4018547)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	121.1 mg/kg	110	88.0	113
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	0.74 mg/kg	81.7	70.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	19.6 mg/kg	117	68.0	132
EG005T: Copper	7440-50-8	5	mg/kg	<5	52.9 mg/kg	111	89.0	111
EG005T: Lead	7439-92-1	5	mg/kg	<5	60.8 mg/kg	102	82.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.3 mg/kg	105	80.0	120
EG005T: Zinc	7440-66-6	5	mg/kg	<5	139.3 mg/kg	85.8	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4018546)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.087 mg/kg	114	70.0	125
EP068A: Organochlorine Pesticides (OC) (QCLot: 4015455)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	100	69.0	113
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	95.7	65.0	117
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	99.5	67.0	119
EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	97.9	68.0	116
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	96.7	65.0	117
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	100	67.0	115
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	98.6	69.0	115
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	102	62.0	118
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	102	63.0	117
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	99.5	66.0	116
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	103	64.0	116
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	99.1	66.0	116
EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	99.5	67.0	115
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	93.5	67.0	123
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	69.0	115
EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	97.7	69.0	121
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	105	56.0	120
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	99.6	62.0	124
EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	100	66.0	120
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	105	64.0	122
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	90.2	54.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	94.5	59.0	119
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	105	62.0	128

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455) - continued								
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	75.0	54.0	126
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	87.3	67.0	119
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	106	70.0	120
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	97.0	72.0	120
EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	94.8	68.0	120
EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	97.3	68.0	122
EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	97.4	69.0	117
EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	0.5 mg/kg	97.6	76.0	118
EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	97.8	64.0	122
EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	97.8	70.0	116
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	99.0	69.0	121
EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	0.5 mg/kg	95.8	66.0	118
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.5 mg/kg	99.2	68.0	124
EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	94.4	62.0	112
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	92.3	68.0	120
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	0.5 mg/kg	92.4	65.0	127
EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	72.4	41.0	123
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 4016329)								
EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	1 mg/kg	86.3	67.0	113
EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	1 mg/kg	86.8	65.0	117
EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	1 mg/kg	87.2	66.0	122
EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	1 mg/kg	87.2	68.0	118
EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	1 mg/kg	87.9	69.0	119
EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	1 mg/kg	87.3	69.0	117
EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	1 mg/kg	88.0	69.0	115
EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	1 mg/kg	87.3	66.0	118
EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	1 mg/kg	92.9	59.0	125
EP074B: Oxygenated Compounds (QCLot: 4016329)								
EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	10 mg/kg	97.3	29.6	156
EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	10 mg/kg	88.1	58.0	136
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	10 mg/kg	91.3	62.0	132
EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	10 mg/kg	97.3	54.0	136
EP074C: Sulfonated Compounds (QCLot: 4016329)								
EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	1 mg/kg	98.8	54.0	126
EP074D: Fumigants (QCLot: 4016329)								
EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	1 mg/kg	89.2	60.0	126
EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	1 mg/kg	90.0	68.0	124
EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	1 mg/kg	86.8	51.0	119

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074D: Fumigants (QCLot: 4016329) - continued								
EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	1 mg/kg	92.2	52.0	114
EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	1 mg/kg	91.6	63.0	115
EP074E: Halogenated Aliphatic Compounds (QCLot: 4016329)								
EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	10 mg/kg	90.8	30.0	148
EP074: Chloromethane	74-87-3	5	mg/kg	<5	10 mg/kg	89.4	41.0	141
EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	10 mg/kg	87.8	43.0	147
EP074: Bromomethane	74-83-9	5	mg/kg	<5	10 mg/kg	90.1	47.0	141
EP074: Chloroethane	75-00-3	5	mg/kg	<5	10 mg/kg	87.8	49.0	143
EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	10 mg/kg	90.2	49.0	135
EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	1 mg/kg	90.7	54.0	126
EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	1 mg/kg	88.6	43.0	129
EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	1 mg/kg	89.9	64.0	120
EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	1 mg/kg	88.0	67.0	125
EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	1 mg/kg	86.2	69.0	121
EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	1 mg/kg	94.9	65.0	117
EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	1 mg/kg	91.9	65.0	123
EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	1 mg/kg	89.0	59.0	125
EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	1 mg/kg	93.2	65.0	125
EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	1 mg/kg	89.2	70.0	118
EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	1 mg/kg	91.9	68.0	118
EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	1 mg/kg	93.9	64.0	126
EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	1 mg/kg	93.4	68.0	122
EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	1 mg/kg	102	67.0	143
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	1 mg/kg	89.6	62.0	122
EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	1 mg/kg	90.0	54.0	128
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	1 mg/kg	89.6	55.0	129
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	1 mg/kg	94.2	65.0	121
EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	1 mg/kg	92.0	61.0	125
EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	1 mg/kg	110	19.8	134
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	1 mg/kg	92.1	53.0	129
EP074F: Halogenated Aromatic Compounds (QCLot: 4016329)								
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	1 mg/kg	90.2	68.0	116
EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	1 mg/kg	91.1	70.0	114
EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	1 mg/kg	88.2	68.0	122
EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	1 mg/kg	87.6	67.0	123
EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	1 mg/kg	92.8	52.0	122
EP074G: Trihalomethanes (QCLot: 4016329)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	1 mg/kg	89.0	66.0	124

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074G: Trihalomethanes (QCLot: 4016329) - continued								
EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	1 mg/kg	86.1	61.0	121
EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	1 mg/kg	87.9	63.0	121
EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	1 mg/kg	89.0	60.0	126
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015453)								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	6 mg/kg	111	77.0	125
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	6 mg/kg	96.4	72.0	124
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	6 mg/kg	102	73.0	127
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	6 mg/kg	107	72.0	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	6 mg/kg	110	75.0	127
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	6 mg/kg	105	77.0	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	6 mg/kg	110	73.0	127
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	6 mg/kg	112	74.0	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	6 mg/kg	92.6	69.0	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	6 mg/kg	104	75.0	127
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	6 mg/kg	87.1	68.0	116
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	6 mg/kg	108	74.0	126
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	6 mg/kg	93.7	70.0	126
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	6 mg/kg	105	61.0	121
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	6 mg/kg	107	62.0	118
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	6 mg/kg	98.3	63.0	121
EP075A: Phenolic Compounds (QCLot: 4015454)								
EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	1.5 mg/kg	103	64.0	114
EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	57.0	115
EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	1.5 mg/kg	97.5	55.0	117
EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	1.5 mg/kg	99.5	46.0	122
EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	96.3	47.0	117
EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	1.5 mg/kg	99.8	13.7	108
EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	1.5 mg/kg	96.7	47.0	105
EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	48.0	110
EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	1.5 mg/kg	102	57.0	113
EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	1.5 mg/kg	82.4	49.0	109
EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	1.5 mg/kg	83.8	49.0	107
EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	3 mg/kg	43.1	12.0	76.0
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015454)								
EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	1.5 mg/kg	97.5	62.0	118
EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	1.5 mg/kg	95.4	58.0	116
EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	1.5 mg/kg	99.8	54.0	112

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015454) - continued								
EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	1.5 mg/kg	88.5	56.0	114
EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	1.5 mg/kg	96.3	62.0	112
EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	113	59.0	115
EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	1.5 mg/kg	93.2	63.0	113
EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	1.5 mg/kg	96.3	57.0	111
EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	1.5 mg/kg	101	58.0	114
EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	1.5 mg/kg	112	57.0	117
EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	1.5 mg/kg	114	58.0	114
EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	112	59.0	115
EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	1.5 mg/kg	116	61.0	117
EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	3 mg/kg	103	57.0	119
EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	1.5 mg/kg	# 114	48.1	106
EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	1.5 mg/kg	101	56.0	116
EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	1.5 mg/kg	86.9	50.0	116
EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	1.5 mg/kg	89.3	55.0	117
EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	1.5 mg/kg	89.6	53.0	119
EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	1.5 mg/kg	89.7	56.0	120
EP075C: Phthalate Esters (QCLot: 4015454)								
EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	1.5 mg/kg	91.8	60.0	118
EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	1.5 mg/kg	113	65.0	115
EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	1.5 mg/kg	86.1	65.0	121
EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	1.5 mg/kg	110	62.0	116
EP075: bis(2-ethylhexyl) phthalate	117-81-7	----	mg/kg	----	1.5 mg/kg	96.9	69.0	133
EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	1.5 mg/kg	96.6	62.0	124
EP075D: Nitrosamines (QCLot: 4015454)								
EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	1.5 mg/kg	107	39.4	124
EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	1.5 mg/kg	96.6	59.0	117
EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<0.5	1.5 mg/kg	110	53.0	125
EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	1.5 mg/kg	98.5	65.0	121
EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	1.5 mg/kg	101	59.0	123
EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	1.5 mg/kg	90.2	57.0	115
EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	1.5 mg/kg	108	57.0	119
EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<0.6	3 mg/kg	110	42.0	112
EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	1.5 mg/kg	26.8	16.3	123
EP075E: Nitroaromatics and Ketones (QCLot: 4015454)								
EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	1.5 mg/kg	109	27.3	129

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075E: Nitroaromatics and Ketones (QCLot: 4015454) - continued								
EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	1.5 mg/kg	100	60.0	116
EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	1.5 mg/kg	87.6	65.0	119
EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	1.5 mg/kg	99.6	62.0	116
EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<0.5	1.5 mg/kg	91.6	58.0	118
EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<0.5	1.5 mg/kg	109	59.0	115
EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	1.5 mg/kg	79.5	18.0	112
EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	1.5 mg/kg	79.6	10.0	87.0
EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	1.5 mg/kg	# 110	48.3	98.5
EP075: Azobenzene	103-33-3	1	mg/kg	<1	1.5 mg/kg	100	62.0	118
EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	1.5 mg/kg	84.9	36.0	114
EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	1.5 mg/kg	107	62.0	114
EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	1.5 mg/kg	69.3	36.1	102
EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	1.5 mg/kg	94.5	56.0	110
EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	1.5 mg/kg	91.6	54.0	110
EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	1.5 mg/kg	107	48.0	108
EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	1.5 mg/kg	110	57.4	112
EP075F: Haloethers (QCLot: 4015454)								
EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	1.5 mg/kg	110	63.0	121
EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	1.5 mg/kg	104	59.0	115
EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	1.5 mg/kg	# 115	58.0	112
EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	108	58.0	110
EP075G: Chlorinated Hydrocarbons (QCLot: 4015454)								
EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	1.5 mg/kg	91.6	58.0	112
EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	1.5 mg/kg	92.2	58.0	116
EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	1.5 mg/kg	94.7	57.0	115
EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	1.5 mg/kg	100	54.0	116
EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	1.5 mg/kg	86.9	62.9	108
EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	1.5 mg/kg	95.8	39.1	110
EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	1.5 mg/kg	98.8	59.0	117
EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	1.5 mg/kg	55.1	24.3	108
EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	1.5 mg/kg	# 111	57.0	109
EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<0.5	1.5 mg/kg	106	59.0	111
EP075H: Anilines and Benzidines (QCLot: 4015454)								
EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	1.5 mg/kg	93.9	13.2	108
EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	1.5 mg/kg	45.6	20.5	99.0
EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<0.5	1.5 mg/kg	100	52.0	112
EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<0.5	1.5 mg/kg	88.6	31.5	93.7
EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	1.5 mg/kg	110	60.0	110

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075H: Anilines and Benzidines (QCLot: 4015454) - continued								
EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	1.5 mg/kg	105	42.0	112
EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	1.5 mg/kg	95.0	59.0	111
EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	1.5 mg/kg	104	23.1	113
EP075I: Organochlorine Pesticides (QCLot: 4015454)								
EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	1.5 mg/kg	106	63.0	113
EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	1.5 mg/kg	92.1	57.0	113
EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	1.5 mg/kg	101	61.0	117
EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	1.5 mg/kg	98.1	64.0	118
EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	1.5 mg/kg	75.8	55.0	115
EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	61.0	115
EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	1.5 mg/kg	98.8	56.0	118
EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	1.5 mg/kg	108	65.0	125
EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	1.5 mg/kg	111	60.0	116
EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	1.5 mg/kg	108	64.0	118
EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	1.5 mg/kg	107	53.0	117
EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	1.5 mg/kg	110	65.0	115
EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	1.5 mg/kg	110	62.0	118
EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	1.5 mg/kg	119	63.0	129
EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<0.5	1.5 mg/kg	110	46.0	122
EP075J: Organophosphorus Pesticides (QCLot: 4015454)								
EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	92.2	46.0	112
EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	63.0	119
EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	1.5 mg/kg	101	68.0	134
EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	1.5 mg/kg	77.9	60.0	130
EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	102	65.0	127
EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	60.0	116
EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	1.5 mg/kg	92.1	63.0	113
EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	1.5 mg/kg	106	65.0	115
EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	1.5 mg/kg	82.4	59.0	103
EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	1.5 mg/kg	114	59.0	119
EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	1.5 mg/kg	117	62.0	118
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4015452)								
EP071: C10 - C14 Fraction	----	50	mg/kg	<50	300 mg/kg	106	75.0	129
EP071: C15 - C28 Fraction	----	100	mg/kg	<100	450 mg/kg	103	77.0	131
EP071: C29 - C36 Fraction	----	100	mg/kg	<100	300 mg/kg	99.2	71.0	129
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4016328)								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	26 mg/kg	88.7	68.4	128
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452)								

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452) - continued								
EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	375 mg/kg	107	77.0	125
EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	525 mg/kg	100.0	74.0	138
EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	225 mg/kg	100	63.0	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4016328)								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	31 mg/kg	79.0	68.4	128
EP080: BTEXN (QCLot: 4016328)								
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	89.5	62.0	116
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	87.2	67.0	121
EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	83.0	65.0	117
EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	82.3	66.0	118
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	83.8	68.0	120
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	83.9	63.0	119
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4017540)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	121	72.0	128
EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	104	73.0	123
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	100	67.0	130
EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	107	70.0	132
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	99.6	68.0	136
EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	98.0	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4017540)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	92.8	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	116	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	122	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	107	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	111	69.0	133
EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	98.4	72.0	129
EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	0.00125 mg/kg	100	69.0	133
EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	101	64.0	136
EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	110	69.0	135
EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	124	66.0	139
EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	114	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540)								
EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	86.4	67.0	137
EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	0.00312 mg/kg	87.8	71.6	129
EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	82.5	69.8	131
EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	97.9	68.7	130

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540) - continued								
EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	75.5	65.1	134
EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	86.4	63.0	144
EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	119	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4017540)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	99.2	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	96.8	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	93.6	65.0	137
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	76.0	69.2	143

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%): MS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4018547)							
EB2131742-003	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	85.9	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	94.4	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	84.0	68.0	132
		EG005T: Copper	7440-50-8	250 mg/kg	100	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	89.5	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	94.0	70.0	130
		EG005T: Zinc	7440-66-6	250 mg/kg	109	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4018546)							
EB2131742-003	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	115	70.0	130
EP068A: Organochlorine Pesticides (OC) (QCLot: 4015455)							
ES2141124-001	20211102_T01	EP068: gamma-BHC	58-89-9	0.5 mg/kg	89.7	70.0	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	83.2	70.0	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	110	70.0	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	97.4	70.0	130
		EP068: Endrin	72-20-8	2 mg/kg	77.7	70.0	130
		EP068: 4.4`-DDT	50-29-3	2 mg/kg	110	70.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455)							
ES2141124-001	20211102_T01	EP068: Diazinon	333-41-5	0.5 mg/kg	85.0	70.0	130

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455) - continued							
ES2141124-001	20211102_T01	EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	87.5	70.0	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	76.6	70.0	130
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	96.0	70.0	130
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	112	70.0	130
EP074E: Halogenated Aliphatic Compounds (QCLot: 4016329)							
ES2141124-001	20211102_T01	EP074: 1.1-Dichloroethene	75-35-4	2.5 mg/kg	87.4	70.0	130
		EP074: Trichloroethene	79-01-6	2.5 mg/kg	88.7	70.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 4016329)							
ES2141124-001	20211102_T01	EP074: Chlorobenzene	108-90-7	2.5 mg/kg	92.4	70.0	130
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015453)							
ES2141124-001	20211102_T01	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	92.2	70.0	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	106	70.0	130
EP075A: Phenolic Compounds (QCLot: 4015454)							
ES2141124-001	20211102_T01	EP075: Phenol	108-95-2	10 mg/kg	92.8	60.0	130
		EP075: 2-Chlorophenol	95-57-8	10 mg/kg	91.8	60.0	130
		EP075: 2-Nitrophenol	88-75-5	10 mg/kg	89.4	50.0	130
		EP075: 4-Chloro-3-methylphenol	59-50-7	10 mg/kg	118	50.0	130
		EP075: Pentachlorophenol	87-86-5	10 mg/kg	94.8	10.0	130
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015454)							
ES2141124-001	20211102_T01	EP075: Acenaphthene	83-32-9	10 mg/kg	94.2	50.0	130
		EP075: Pyrene	129-00-0	10 mg/kg	98.4	50.0	130
EP075D: Nitrosamines (QCLot: 4015454)							
ES2141124-001	20211102_T01	EP075: N-Nitrosodi-n-propylamine	621-64-7	10 mg/kg	88.4	50.0	130
EP075E: Nitroaromatics and Ketones (QCLot: 4015454)							
ES2141124-001	20211102_T01	EP075: 2.4-Dinitrotoluene	121-14-2	10 mg/kg	113	40.0	130
EP075G: Chlorinated Hydrocarbons (QCLot: 4015454)							
ES2141124-001	20211102_T01	EP075: 1.4-Dichlorobenzene	106-46-7	10 mg/kg	94.8	60.0	130
		EP075: 1.2.4-Trichlorobenzene	120-82-1	10 mg/kg	78.2	50.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4015452)							
ES2141124-001	20211102_T01	EP071: C10 - C14 Fraction	----	480 mg/kg	100	73.0	137
		EP071: C15 - C28 Fraction	----	3100 mg/kg	101	53.0	131
		EP071: C29 - C36 Fraction	----	2060 mg/kg	107	52.0	132
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4016328)							
ES2141124-001	20211102_T01	EP080: C6 - C9 Fraction	----	32.5 mg/kg	97.1	70.0	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452)							

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452) - continued							
ES2141124-001	20211102_T01	EP071: >C10 - C16 Fraction	----	860 mg/kg	102	73.0	137
		EP071: >C16 - C34 Fraction	----	4320 mg/kg	104	53.0	131
		EP071: >C34 - C40 Fraction	----	890 mg/kg	101	52.0	132
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4016328)							
ES2141124-001	20211102_T01	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	92.6	70.0	130
EP080: BTEXN (QCLot: 4016328)							
ES2141124-001	20211102_T01	EP080: Benzene	71-43-2	2.5 mg/kg	81.3	70.0	130
		EP080: Toluene	108-88-3	2.5 mg/kg	83.4	70.0	130
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	83.0	70.0	130
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	83.0	70.0	130
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	83.2	70.0	130
		EP080: Naphthalene	91-20-3	2.5 mg/kg	81.4	70.0	130
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4017540)							
ES2141124-001	20211102_T01	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	118	72.0	128
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.00125 mg/kg	104	73.0	123
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	103	67.0	130
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.00125 mg/kg	105	70.0	132
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	101	68.0	136
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.00125 mg/kg	107	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4017540)							
ES2141124-001	20211102_T01	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	96.5	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	110	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	120	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	106	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	118	69.0	133
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.00125 mg/kg	107	72.0	129
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.00125 mg/kg	102	69.0	133
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.00125 mg/kg	103	64.0	136
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.00125 mg/kg	111	69.0	135
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.00125 mg/kg	127	66.0	139
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.00312 mg/kg	113	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540)							
ES2141124-001	20211102_T01	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.00125 mg/kg	90.0	67.0	137
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.00312 mg/kg	87.7	71.6	129
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.00312 mg/kg	80.8	69.8	131

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540) - continued							
ES2141124-001	20211102_T01	EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.00312 mg/kg	106	68.7	130
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.00312 mg/kg	93.9	65.1	134
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.00125 mg/kg	92.0	63.0	144
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.00125 mg/kg	113	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4017540)							
ES2141124-001	20211102_T01	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	103	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	102	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	100	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	87.2	69.2	143

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ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2141124**	Page	: 1 of 10
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 12-Nov-2021
Site	: ----	Issue Date	: 19-Nov-2021
Sampler	: JACK EMBLEN	No. of samples received	: 4
Order number	: ----	No. of samples analysed	: 4

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Matrix Spike outliers occur.**
- **Duplicate outliers exist - please see following pages for full details.**
- **Laboratory Control outliers exist - please see following pages for full details.**
- **Surrogate recovery outliers exist for all regular sample matrices - please see following pages for full details.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

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Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Duplicate (DUP) RPDs							
EG005(ED093)T: Total Metals by ICP-AES	ES2141157--002	Anonymous	**Chromium**	7440-47-3	54.0 %	0% - 20%	**RPD exceeds LOR based limits**
Laboratory Control Spike (LCS) Recoveries							
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4015454-002	----	**7.12-Dimethylbenz(a)anthracene**	57-97-6	114 %	48.1-106%	**Recovery greater than upper control limit**
EP075E: Nitroaromatics and Ketones	QC-4015454-002	----	**5-Nitro-o-toluidine**	99-55-8	110 %	48.3-98.5%	**Recovery greater than upper control limit**
EP075F: Haloethers	QC-4015454-002	----	**4-Chlorophenyl phenyl ether**	7005-72-3	115 %	58.0-112%	**Recovery greater than upper control limit**
EP075G: Chlorinated Hydrocarbons	QC-4015454-002	----	**Pentachlorobenzene**	608-93-5	111 %	57.0-109%	**Recovery greater than upper control limit**

Regular Sample Surrogates

Sub-Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Samples Submitted							
EP075T: Base/Neutral Extractable Surrogates	ES2141124-003	20211102_T03	**2-Fluorobiphenyl**	321-60-8	125 %	35.0-121 %	**Recovery greater than upper data quality objective**

Outliers : Analysis Holding Time Compliance

Matrix: **SOIL**

Method / **Container** / Client Sample ID(s)		*Extraction / Preparation*			*Analysis*		
		Date extracted	*Due for extraction*	***Days overdue***	*Date analysed*	*Due for analysis*	***Days overdue***
EA055: Moisture Content (Dried @ 105-110°C)							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	----	----	----	17-Nov-2021	16-Nov-2021	**1**
EP074A: Monocyclic Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	16-Nov-2021	09-Nov-2021	**7**	16-Nov-2021	09-Nov-2021	**7**
EP074B: Oxygenated Compounds							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	16-Nov-2021	09-Nov-2021	**7**	16-Nov-2021	09-Nov-2021	**7**
EP074C: Sulfonated Compounds							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	16-Nov-2021	09-Nov-2021	**7**	16-Nov-2021	09-Nov-2021	**7**
EP074D: Fumigants							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	16-Nov-2021	09-Nov-2021	**7**	16-Nov-2021	09-Nov-2021	**7**
EP074E: Halogenated Aliphatic Compounds							

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Matrix: **SOIL**

Method / Container / Client Sample ID(s)		Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Days overdue	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Days overdue
EP074E: Halogenated Aliphatic Compounds - Analysis Holding Time Compliance							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	16-Nov-2021	09-Nov-2021	**7**	16-Nov-2021	09-Nov-2021	**7**
EP074F: Halogenated Aromatic Compounds							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	16-Nov-2021	09-Nov-2021	**7**	16-Nov-2021	09-Nov-2021	**7**
EP074G: Trihalomethanes							
Soil Glass Jar - Unpreserved							
20211102_T01,	20211102_T03	16-Nov-2021	09-Nov-2021	**7**	16-Nov-2021	09-Nov-2021	**7**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)		Sample Date	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Evaluation	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Evaluation
EA055: Moisture Content (Dried @ 105-110°C)								
HDPE Soil Jar (EA055)								
20211102_T02,	20211102_T04	**02-Nov-2021**	**----**	----	----	**16-Nov-2021**	16-Nov-2021	✓
Soil Glass Jar - Unpreserved (EA055)								
20211102_T01,	20211102_T03	**02-Nov-2021**	**----**	----	----	**17-Nov-2021**	16-Nov-2021	×
EG005(ED093)T: Total Metals by ICP-AES								
Soil Glass Jar - Unpreserved (EG005T)								
20211102_T01,	20211102_T03	**02-Nov-2021**	**17-Nov-2021**	01-May-2022	✓	**17-Nov-2021**	01-May-2022	✓
EG035T: Total Recoverable Mercury by FIMS								
Soil Glass Jar - Unpreserved (EG035T)								
20211102_T01,	20211102_T03	**02-Nov-2021**	**17-Nov-2021**	30-Nov-2021	✓	**17-Nov-2021**	30-Nov-2021	✓
EP068A: Organochlorine Pesticides (OC)								
Soil Glass Jar - Unpreserved (EP068)								
20211102_T01,	20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP068B: Organophosphorus Pesticides (OP)								
Soil Glass Jar - Unpreserved (EP068)								
20211102_T01,	20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP074A: Monocyclic Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP074)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	09-Nov-2021	×	**16-Nov-2021**	09-Nov-2021	×
EP074B: Oxygenated Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	09-Nov-2021	×	**16-Nov-2021**	09-Nov-2021	×
EP074C: Sulfonated Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	09-Nov-2021	×	**16-Nov-2021**	09-Nov-2021	×
EP074D: Fumigants							
Soil Glass Jar - Unpreserved (EP074)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	09-Nov-2021	×	**16-Nov-2021**	09-Nov-2021	×
EP074E: Halogenated Aliphatic Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	09-Nov-2021	×	**16-Nov-2021**	09-Nov-2021	×
EP074F: Halogenated Aromatic Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	09-Nov-2021	×	**16-Nov-2021**	09-Nov-2021	×
EP074G: Trihalomethanes							
Soil Glass Jar - Unpreserved (EP074)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	09-Nov-2021	×	**16-Nov-2021**	09-Nov-2021	×
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075(SIM))							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075A: Phenolic Compounds							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075C: Phthalate Esters							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075D: Nitrosamines							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075E: Nitroaromatics and Ketones							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075F: Haloethers							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075G: Chlorinated Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075H: Anilines and Benzidines							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075I: Organochlorine Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP075J: Organophosphorus Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP080/071: Total Petroleum Hydrocarbons							
Soil Glass Jar - Unpreserved (EP080)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**16-Nov-2021**	16-Nov-2021	✓
Soil Glass Jar - Unpreserved (EP071)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Soil Glass Jar - Unpreserved (EP080)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**16-Nov-2021**	16-Nov-2021	✓
Soil Glass Jar - Unpreserved (EP071)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**17-Nov-2021**	26-Dec-2021	✓
EP080: BTEXN							
Soil Glass Jar - Unpreserved (EP080)							
20211102_T01, 20211102_T03	**02-Nov-2021**	**16-Nov-2021**	16-Nov-2021	✓	**16-Nov-2021**	16-Nov-2021	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211102_T01, 20211102_T02, 20211102_T03, 20211102_T04	**02-Nov-2021**	**16-Nov-2021**	01-May-2022	✓	**17-Nov-2021**	26-Dec-2021	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X)							
20211102_T01, 20211102_T02, 20211102_T03, 20211102_T04	**02-Nov-2021**	**16-Nov-2021**	01-May-2022	✓	**17-Nov-2021**	26-Dec-2021	✓
EP231C: Perfluoroalkyl Sulfonamides							
HDPE Soil Jar (EP231X)							
20211102_T01, 20211102_T02, 20211102_T03, 20211102_T04	**02-Nov-2021**	**16-Nov-2021**	01-May-2022	✓	**17-Nov-2021**	26-Dec-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211102_T01, 20211102_T02, 20211102_T03, 20211102_T04	**02-Nov-2021**	**16-Nov-2021**	01-May-2022	✓	**17-Nov-2021**	26-Dec-2021	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X)							
20211102_T01, 20211102_T02, 20211102_T03, 20211102_T04	**02-Nov-2021**	**16-Nov-2021**	01-May-2022	✓	**17-Nov-2021**	26-Dec-2021	✓

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Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
Moisture Content	EA055	3	26	**11.54**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	2	11	**18.18**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Matrix Spikes (MS) - Continued							
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to AS 3550, APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
Volatile Organic Compounds	EP074	SOIL	In house: Referenced to USEPA SW 846 - 8260 Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
Semivolatile Organic Compounds	EP075	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by LC-Electrospray-MS-MS, Negative Mode using MRM using internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to a portion of soil which is then extracted with MTBE and an ion pairing reagent. A portion of extract is exchanged into the analytical solvent mixture, combined with an equal volume reagent water and filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.

Preparation Methods	Method	Matrix	Method Descriptions

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Preparation Methods	Method	Matrix	Method Descriptions
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

DRAFT

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM
Address	11/277 Lane Cove Road, Macquarie Park
Contact Name	Jack Emblen
Phone №	0402 979 340
Special Directions	
Purchase Order	
Quote ID №	

Project №	0571466
Project Name	Bradfield City Centre
Project Manager	Nicholas Grbich
EDD Format (ESdat, EQuIS etc)	
Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (*Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day ♦ ☐ 1 day ♦
- ☐ 2 days ♦ ☐ 3
- ☑ 5 days (Standard)
- Other( )

♦Surcharge will apply

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Soil (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)
1	TP203_0.1	2/11/21	S	X										
2	TP203_0.3	2/11/21	S		X									
3	TP202_0.1	2/11/21	S	X										
4	TP202_0.3	2/11/21	S		X									
5	TP201_0.1	2/11/21	S	X										
6	TP201_0.3	2/11/21	S		X									
7	TP200_0.1	2/11/21	S	X										
8	TP200_0.3	2/11/21	S		X									
9	TP193_0.1	2/11/21	S	X										
10	TP193_0.3	2/11/21	S		X									
	Total Counts			5	5									

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP

Environmental Division
Sydney
Work Order Reference
ES2141124

Telephone : + 61-2-8784 8555

Method of Shipment							
☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature	Date	11/3/2021	Time

Received by: Date/Time:

Received by: Date/Time:

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen	
Handed over by	Jack Emblen	
Email for Invoice	Nicholas Grbich	
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com	

Analyses (Where metals are required, please specify "Total" or "Filtered". Suite options will be used as set out in pricing.)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked)

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☒ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP203_0.1	2/11/21	S	X											*Solid suite A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP **Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/heavy metals (8)/OCP/OPP
2	TP203_0.3	2/11/21	S		X										
3	TP202_0.1	2/11/21	S	X											
4	TP202_0.3	2/11/21	S		X										
5	TP201_0.1	2/11/21	S	X											
6	TP201_0.3	2/11/21	S		X										
7	TP200_0.1	2/11/21	S	X											
8	TP200_0.3	2/11/21	S		X										
9	TP193_0.1	2/11/21	S	X											
10	TP193_0.3	2/11/21	S		X										
		Total Counts		5	5										

Method of Shipment	☒ Courier (#	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature	Date	11/3/2021	Time	
Relinquished by				Received by			Date		Time	
Relinquished by				Received by			Date		Time	

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory**
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Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory**
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre
Contact Name	Jack Emblen	Project Manager	Nicholas Grbich
Phone №	0402 979 340	EDD Format (ESdat, EQuIS etc.)	
Special Directions		Sampler(s)	Jack Emblen
Purchase Order		Handed over by	Jack Emblen
Quote ID №		Email for Invoice	Nicholas Grbich
		Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where multiple analytes are required, please specify 'Table' or 'Row'. SUITE code must be used to select SUITE charge)

Containers (Change container type & size if necessary)

Required Turnaround Time (TAT) (Default will be 5 days if not ticked.)

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ♦ ☐ 1 day ♦
☐ 2 days ♦ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd mm yy, hh mm)	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP194_0.1	2/11/21	S	X										
2	TP194_0.3	2/11/21	S		X									
3	TP195_0.1	2/11/21	S	X										
4	TP195_0.3	2/11/21	S		X									
5	TP196_0.1	2/11/21	S	X										
6	TP196_0.3	2/11/21	S		X									
7	20211102_D01	2/11/21	S		X									
8	20211102_D02	2/11/21	S		X									
9	20211102_D03	2/11/21	S		X									
10	20211102_D04	2/11/21	S		X									
		Total Counts		3	7									

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Relinquished by | Received by | Relinquished by | Received by

Eurofins Environment Testing Australia Pty Ltd

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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Company	ERM	Project №	0571466
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre
Contact Name	Jack Emblen	Project Manager	Nicholas Grbich
Phone №	0402 979 340	EDD Format (ESdat, EQuIS etc)	
Special Directions		Sampler(s)	Jack Emblen
Purchase Order		Handed over by	Jack Emblen
Quote ID №		Email for Invoice	Nicholas Grbich
		Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where multiple analyses required please specify 'Full' or 'Partial'. SUITE code must be used to attract SUITE pricing.

Containers — Change container type & size if necessary.

Required Turnaround Time (TAT) — Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day ◆ ☐ 1 day ◆
☐ 2 days ◆ ☐ 3
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	20211102_T01	2/11/21	S		X										PLEAS SEND TO ALS
22	20211102_T02	2/11/21	S		X										PLEAS SEND TO ALS
23	20211102_T03	2/11/21	S		X										PLEAS SEND TO ALS
24	20211102_T04	2/11/21	S		X										PLEAS SEND TO ALS
25	TS/TB	2/11/21	W			X									
26															
27															
28															
29															
30															
	Total Counts				4	1									

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date 44502 | Time

Laboratory Use Only: Received | Cooling Method | Security Seal Intact | Temperature | Custody Seal Intact | Temperature

Eurofins Environment Testing Australia Pty Ltd

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ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **ES2141125**	Page	: 1 of 15
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 12-Nov-2021 18:00
Order number	: ----	Date Analysis Commenced	: 16-Nov-2021
C-O-C number	: ----	Issue Date	: 19-Nov-2021 11:27
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 2		
No. of samples analysed	: 2		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Wisam Marassa	Inorganics Coordinator	Sydney Inorganics, Smithfield, NSW

DRAFT

General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Sum of chlorinated hydrocarbons includes carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichlorothene, trans-1,2-dichlorothene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, hexachlorobutadiene and methylene chloride.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EG005T: Poor precision was obtained for Chromium and Vanadium on sample ES21411579 # 002. Confirmed by redigestion and reanalysis.
- EP075: Where reported, 'Sum of PAH' is the sum of the USEPA 16 priority PAHs
- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS (Australian HEPA) and also conform to QSM 5.3 (US DoD) requirements.

DRAFT

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	0.1	%	**----**	**20.0**	----	----	----
Moisture Content	----	1.0	%	**16.2**	----	----	----	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	**7**	----	----	----	----
Cadmium	7440-43-9	1	mg/kg	<1	----	----	----	----
Chromium	7440-47-3	2	mg/kg	**20**	----	----	----	----
Copper	7440-50-8	5	mg/kg	**33**	----	----	----	----
Lead	7439-92-1	5	mg/kg	**21**	----	----	----	----
Nickel	7440-02-0	2	mg/kg	**13**	----	----	----	----
Zinc	7440-66-6	5	mg/kg	**54**	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	----	----	----	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	----	----	----	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	----	----	----	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	----	----	----	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	----	----	----	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	----	----	----	----
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	----	----	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	----	----	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	----	----	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	----	----	----	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	----	----	----	----
Endrin	72-20-8	0.05	mg/kg	<0.05	----	----	----	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	----	----	----	----
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	----	----	----	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	----	----	----	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	----	----	----	----

DRAFT

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP068A: Organochlorine Pesticides (OC) - Continued								
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	----	----	----	----
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	----	----	----	----
^ **Sum of Aldrin + Dieldrin**	309-00-2/60-57-1	0.05	mg/kg	<0.05	----	----	----	----
^ **Sum of DDD + DDE + DDT**	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	----	----	----	----
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	----	----	----	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	----	----	----	----
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	----	----	----	----
Dimethoate	60-51-5	0.05	mg/kg	<0.05	----	----	----	----
Diazinon	333-41-5	0.05	mg/kg	<0.05	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	----	----	----	----
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	----	----	----	----
Malathion	121-75-5	0.05	mg/kg	<0.05	----	----	----	----
Fenthion	55-38-9	0.05	mg/kg	<0.05	----	----	----	----
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	----	----	----	----
Parathion	56-38-2	0.2	mg/kg	<0.2	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	----	----	----	----
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	----	----	----	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	----	----	----	----
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	----	----	----	----
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	----	----	----	----
Ethion	563-12-2	0.05	mg/kg	<0.05	----	----	----	----
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	----	----	----	----
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	----	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons								
Styrene	100-42-5	0.5	mg/kg	<0.5	----	----	----	----
Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	----	----	----	----
n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	----	----	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	----	----	----	----
sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	----	----	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	----	----	----	----
tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	----	----	----	----
p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	----	----	----	----
n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons - Continued								
EP074B: Oxygenated Compounds								
Vinyl Acetate	108-05-4	5	mg/kg	<5	----	----	----	----
2-Butanone (MEK)	78-93-3	5	mg/kg	<5	----	----	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	----	----	----	----
2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	----	----	----	----
EP074C: Sulfonated Compounds								
Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	----	----	----	----
EP074D: Fumigants								
2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	----	----	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	----	----	----	----
trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	----	----	----	----
EP074E: Halogenated Aliphatic Compounds								
Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	----	----	----	----
Chloromethane	74-87-3	5	mg/kg	<5	----	----	----	----
Vinyl chloride	75-01-4	5	mg/kg	<5	----	----	----	----
Bromomethane	74-83-9	5	mg/kg	<5	----	----	----	----
Chloroethane	75-00-3	5	mg/kg	<5	----	----	----	----
Trichlorofluoromethane	75-69-4	5	mg/kg	<5	----	----	----	----
1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	----	----	----	----
Iodomethane	74-88-4	0.5	mg/kg	<0.5	----	----	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	----	----	----	----
1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	----	----	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	----	----	----	----
1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	----	----	----	----
1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	----	----	----	----
Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	----	----	----	----
Trichloroethene	79-01-6	0.5	mg/kg	<0.5	----	----	----	----
Dibromomethane	74-95-3	0.5	mg/kg	<0.5	----	----	----	----
1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	----	----	----	----
1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	----	----	----	----
Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP074E: Halogenated Aliphatic Compounds - Continued								
1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	----	----	----	----
trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	----	----	----	----
cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	----	----	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	----	----	----	----
Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	----	----	----	----
EP074F: Halogenated Aromatic Compounds								
Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	----	----	----	----
Bromobenzene	108-86-1	0.5	mg/kg	<0.5	----	----	----	----
2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	----	----	----	----
4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	----	----	----	----
EP074G: Trihalomethanes								
Chloroform	67-66-3	0.5	mg/kg	<0.5	----	----	----	----
Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	----	----	----	----
Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	----	----	----	----
Bromoform	75-25-2	0.5	mg/kg	<0.5	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	----	----	----	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued								
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	----	----	----	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	----	----	----	----
EP075A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	----	----	----	----
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	----	----	----	----
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	----	----	----	----
3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	----	----	----	----
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	----	----	----	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	----	----	----	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	----	----	----	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	----	----	----	----
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	----	----	----	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	----	----	----	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	----	----	----	----
Pentachlorophenol	87-86-5	1	mg/kg	<1	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	----	----	----
2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	----	----	----	----
2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	----	----	----
N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	----	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	----	----	----	----
7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons - Continued								
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	----	----	----
3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	----	----	----	----
^ Sum of PAHs	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	----	----	----	----
EP075C: Phthalate Esters								
Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	----	----	----	----
Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	----	----	----	----
Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	----	----	----	----
Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	----	----	----	----
bis(2-ethylhexyl) phthalate	117-81-7	5.0	mg/kg	<5.0	----	----	----	----
Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	----	----	----	----
EP075D: Nitrosamines								
N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosopyrrolidine	930-55-2	1.0	mg/kg	<1.0	----	----	----	----
N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	1.0	mg/kg	<1.0	----	----	----	----
Methapyrilene	91-80-5	0.5	mg/kg	<0.5	----	----	----	----
EP075E: Nitroaromatics and Ketones								
2-Picoline	109-06-8	0.5	mg/kg	<0.5	----	----	----	----
Acetophenone	98-86-2	0.5	mg/kg	<0.5	----	----	----	----
Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	----	----	----	----
Isophorone	78-59-1	0.5	mg/kg	<0.5	----	----	----	----
2.6-Dinitrotoluene	606-20-2	1.0	mg/kg	<1.0	----	----	----	----
2.4-Dinitrotoluene	121-14-2	1.0	mg/kg	<1.0	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP075E: Nitroaromatics and Ketones - Continued								
1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	----	----	----	----
4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	----	----	----	----
5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	----	----	----	----
Azobenzene	103-33-3	1	mg/kg	<1	----	----	----	----
1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	----	----	----	----
Phenacetin	62-44-2	0.5	mg/kg	<0.5	----	----	----	----
4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	----	----	----	----
Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	----	----	----	----
Pronamide	23950-58-5	0.5	mg/kg	<0.5	----	----	----	----
Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	----	----	----	----
Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	----	----	----	----
EP075F: Haloethers								
Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	----	----	----	----
Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	----	----	----	----
4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	----	----	----	----
4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	----	----	----	----
EP075G: Chlorinated Hydrocarbons								
1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	----	----	----	----
1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	----	----	----	----
Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	----	----	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	----	----	----	----
Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	----	----	----	----
Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	1.0	mg/kg	<1.0	----	----	----	----
EP075H: Anilines and Benzidines								
Aniline	62-53-3	0.5	mg/kg	<0.5	----	----	----	----
4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	----	----	----	----
2-Nitroaniline	88-74-4	1.0	mg/kg	<1.0	----	----	----	----
3-Nitroaniline	99-09-2	1.0	mg/kg	<1.0	----	----	----	----
Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	----	----	----	----
4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP075H: Anilines and Benzidines - Continued								
Carbazole	86-74-8	0.5	mg/kg	<0.5	----	----	----	----
3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	----	----	----	----
EP075I: Organochlorine Pesticides								
alpha-BHC	319-84-6	0.5	mg/kg	<0.5	----	----	----	----
beta-BHC	319-85-7	0.5	mg/kg	<0.5	----	----	----	----
gamma-BHC	58-89-9	0.5	mg/kg	<0.5	----	----	----	----
delta-BHC	319-86-8	0.5	mg/kg	<0.5	----	----	----	----
Heptachlor	76-44-8	0.5	mg/kg	<0.5	----	----	----	----
Aldrin	309-00-2	0.5	mg/kg	<0.5	----	----	----	----
Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	----	----	----	----
alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	----	----	----	----
Dieldrin	60-57-1	0.5	mg/kg	<0.5	----	----	----	----
Endrin	72-20-8	0.5	mg/kg	<0.5	----	----	----	----
beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	----	----	----	----
Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDT	50-29-3	1.0	mg/kg	<1.0	----	----	----	----
EP075J: Organophosphorus Pesticides								
Dichlorvos	62-73-7	0.5	mg/kg	<0.5	----	----	----	----
Dimethoate	60-51-5	0.5	mg/kg	<0.5	----	----	----	----
Diazinon	333-41-5	0.5	mg/kg	<0.5	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	----	----	----	----
Malathion	121-75-5	0.5	mg/kg	<0.5	----	----	----	----
Fenthion	55-38-9	0.5	mg/kg	<0.5	----	----	----	----
Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	----	----	----	----
Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	----	----	----	----
Prothiofos	34643-46-4	0.5	mg/kg	<0.5	----	----	----	----
Ethion	563-12-2	0.5	mg/kg	<0.5	----	----	----	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	10	mg/kg	<10	----	----	----	----
C10 - C14 Fraction	----	50	mg/kg	<50	----	----	----	----
C15 - C28 Fraction	----	100	mg/kg	<100	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP080/071: Total Petroleum Hydrocarbons - Continued								
C29 - C36 Fraction	----	100	mg/kg	<100	----	----	----	----
^ C10 - C36 Fraction (sum)	----	50	mg/kg	<50	----	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	10	mg/kg	<10	----	----	----	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg	<10	----	----	----	----
>C10 - C16 Fraction	----	50	mg/kg	<50	----	----	----	----
>C16 - C34 Fraction	----	100	mg/kg	<100	----	----	----	----
>C34 - C40 Fraction	----	100	mg/kg	<100	----	----	----	----
^ >C10 - C40 Fraction (sum)	----	50	mg/kg	<50	----	----	----	----
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg	<50	----	----	----	----
EP080: BTEXN								
Benzene	71-43-2	0.2	mg/kg	<0.2	----	----	----	----
Toluene	108-88-3	0.5	mg/kg	<0.5	----	----	----	----
Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	----	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	----	----	----	----
ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	----	----	----	----
^ Sum of BTEX	----	0.2	mg/kg	<0.2	----	----	----	----
^ Total Xylenes	----	0.5	mg/kg	<0.5	----	----	----	----
Naphthalene	91-20-3	1	mg/kg	<1	----	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids								
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids								

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids - Continued								
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	----	----	----
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
EP231C: Perfluoroalkyl Sulfonamides								
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids								
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211028_T01	20211028_T02	----	----	----
			Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit	ES2141125-001	ES2141125-002	--------	--------	--------
				Result	Result	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued								
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	----	----	----
EP231P: PFAS Sums								
Sum of PFAS	----	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg	<0.0002	<0.0002	----	----	----
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE	21655-73-2	0.05	%	**119**	----	----	----	----
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.05	%	**130**	----	----	----	----
EP074S: VOC Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.5	%	**90.7**	----	----	----	----
Toluene-D8	2037-26-5	0.5	%	**91.6**	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.5	%	**83.2**	----	----	----	----
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.5	%	**98.6**	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	**93.6**	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	**73.8**	----	----	----	----
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.5	%	**98.8**	----	----	----	----
Anthracene-d10	1719-06-8	0.5	%	**94.3**	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%	**90.0**	----	----	----	----
EP075S: Acid Extractable Surrogates								
2-Fluorophenol	367-12-4	0.5	%	**93.6**	----	----	----	----
Phenol-d6	13127-88-3	0.5	%	**95.5**	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	**100**	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	**92.6**	----	----	----	----
EP075T: Base/Neutral Extractable Surrogates								
Nitrobenzene-D5	4165-60-0	0.5	%	**99.3**	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211028_T01	20211028_T02	----	----	----
				Sampling date / time	[28-Oct-2021]	[28-Oct-2021]	----	----	----
Compound	CAS Number	LOR	Unit		ES2141125-001	ES2141125-002	--------	--------	--------
					Result	Result	----	----	----
EP075T: Base/Neutral Extractable Surrogates - Continued									
1.2-Dichlorobenzene-D4	2199-69-1	0.5	%		87.0	----	----	----	----
2-Fluorobiphenyl	321-60-8	0.5	%		109	----	----	----	----
Anthracene-d10	1719-06-8	0.5	%		108	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%		109	----	----	----	----
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.2	%		88.4	----	----	----	----
Toluene-D8	2037-26-5	0.2	%		91.5	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.2	%		84.6	----	----	----	----
EP231S: PFAS Surrogate									
13C4-PFOS	----	0.0002	%		99.5	102	----	----	----
13C8-PFOA	----	0.0002	%		95.0	94.5	----	----	----

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Surrogate Control Limits

Sub-Matrix: **SOIL**

Compound	CAS Number	Recovery Limits (%) Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP074S: VOC Surrogates			
1.2-Dichloroethane-D4	17060-07-0	64	130
Toluene-D8	2037-26-5	66	136
4-Bromofluorobenzene	460-00-4	60	122
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	29	149
Phenol-d6	13127-88-3	32	128
2-Chlorophenol-D4	93951-73-6	32	128
2.4.6-Tribromophenol	118-79-6	13	121
EP075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-D5	4165-60-0	33	125
1.2-Dichlorobenzene-D4	2199-69-1	34	108
2-Fluorobiphenyl	321-60-8	35	121
Anthracene-d10	1719-06-8	35	123
4-Terphenyl-d14	1718-51-0	33	125
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	73	133
Toluene-D8	2037-26-5	74	132
4-Bromofluorobenzene	460-00-4	72	130
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

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ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **ES2141125**	Page	: 1 of 24
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 12-Nov-2021
Order number	: ----	Date Analysis Commenced	: 16-Nov-2021
C-O-C number	: ----	Issue Date	: 19-Nov-2021
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 2		
No. of samples analysed	: 2		

Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Wisam Marassa	Inorganics Coordinator	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 4018547)									
EB2131742-003	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	24	30	21.0	0% - 50%
		EG005T: Nickel	7440-02-0	2	mg/kg	10	9	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	14	9	47.4	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	39	35	11.9	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	42	41	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	92	90	1.6	0% - 50%
ES2141157-002	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	64	# 111	54.0	0% - 20%
		EG005T: Nickel	7440-02-0	2	mg/kg	16	11	34.9	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	54	47	12.9	0% - 50%
		EG005T: Copper	7440-50-8	5	mg/kg	73	76	4.0	0% - 50%
		EG005T: Lead	7439-92-1	5	mg/kg	56	73	27.0	0% - 50%
		EG005T: Zinc	7440-66-6	5	mg/kg	233	247	5.8	0% - 20%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4017752)									
ES2141124-002	Anonymous	EA055: Moisture Content	----	0.1	%	18.5	18.5	0.0	0% - 20%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4018555)									
ES2140984-003	Anonymous	EA055: Moisture Content	----	0.1	%	18.0	17.1	4.6	0% - 50%
ES2141262-001	Anonymous	EA055: Moisture Content	----	0.1	%	13.5	14.6	7.8	0% - 50%
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 4018546)									
EB2131742-003	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.1	0.0	No Limit
ES2141157-002	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4015455)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4015455) - continued									
ES2141124-001	Anonymous	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 4015455)									
ES2141124-001	Anonymous	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 4015455) - continued									
ES2141124-001	Anonymous	EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4016329)									
ES2141124-001	Anonymous	EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	20211028_T01	EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 4016329)									
ES2141124-001	Anonymous	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit
ES2141125-001	20211028_T01	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 4016329)									
ES2141124-001	Anonymous	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	20211028_T01	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074D: Fumigants (QC Lot: 4016329)									
ES2141124-001	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	20211028_T01	EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074D: Fumigants (QC Lot: 4016329) - continued									
ES2141125-001	20211028_T01	EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4016329)									
ES2141124-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
ES2141125-001	20211028_T01	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4016329) - continued									
ES2141125-001	20211028_T01	EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 4016329)									
ES2141124-001	Anonymous	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	20211028_T01	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 4016329)									
ES2141124-001	Anonymous	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2141125-001	20211028_T01	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015453)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015453) - continued									
ES2141124-001	Anonymous	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075A: Phenolic Compounds (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	<1	0.0	No Limit
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4015454) - continued									
ES2141124-001	Anonymous	EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	<1	0.0	No Limit
EP075C: Phthalate Esters (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075D: Nitrosamines (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075E: Nitroaromatics and Ketones (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075E: Nitroaromatics and Ketones (QC Lot: 4015454) - continued									
ES2141124-001	Anonymous	EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Azobenzene	103-33-3	1	mg/kg	<1	<1	0.0	No Limit
EP075F: Haloethers (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075G: Chlorinated Hydrocarbons (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	<2.5	0.0	No Limit
EP075H: Anilines and Benzidines (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075I: Organochlorine Pesticides (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075I: Organochlorine Pesticides (QC Lot: 4015454) - continued									
ES2141124-001	Anonymous	EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
EP075J: Organophosphorus Pesticides (QC Lot: 4015454)									
ES2141124-001	Anonymous	EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4015452)									
ES2141124-001	Anonymous	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4016328)									
ES2141124-001	Anonymous	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
ES2141125-001	20211028_T01	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4015452)									
ES2141124-001	Anonymous	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4016328)									
ES2141124-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
ES2141125-001	20211028_T01	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
EP080: BTEXN (QC Lot: 4016328)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP080: BTEXN (QC Lot: 4016328) - continued									
ES2141124-001	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
ES2141125-001	20211028_T01	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4017540)									
ES2141124-001	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 4017540)									
ES2141124-001	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4017540)									
ES2141124-001	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4017540) - continued									
ES2141124-001	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4017540)									
ES2141124-001	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit

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Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4018547)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	121.1 mg/kg	110	88.0	113
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	0.74 mg/kg	81.7	70.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	19.6 mg/kg	117	68.0	132
EG005T: Copper	7440-50-8	5	mg/kg	<5	52.9 mg/kg	111	89.0	111
EG005T: Lead	7439-92-1	5	mg/kg	<5	60.8 mg/kg	102	82.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.3 mg/kg	105	80.0	120
EG005T: Zinc	7440-66-6	5	mg/kg	<5	139.3 mg/kg	85.8	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4018546)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.087 mg/kg	114	70.0	125
EP068A: Organochlorine Pesticides (OC) (QCLot: 4015455)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	100	69.0	113
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	95.7	65.0	117
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	99.5	67.0	119
EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	97.9	68.0	116
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	96.7	65.0	117
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	100	67.0	115
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	98.6	69.0	115
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	102	62.0	118
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	102	63.0	117
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	99.5	66.0	116
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	103	64.0	116
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	99.1	66.0	116
EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	99.5	67.0	115
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	93.5	67.0	123
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	69.0	115
EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	97.7	69.0	121
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	105	56.0	120
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	99.6	62.0	124
EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	100	66.0	120
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	105	64.0	122
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	90.2	54.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	94.5	59.0	119
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	105	62.0	128

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455) - continued								
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	75.0	54.0	126
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	87.3	67.0	119
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	106	70.0	120
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	97.0	72.0	120
EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	94.8	68.0	120
EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	97.3	68.0	122
EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	97.4	69.0	117
EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	0.5 mg/kg	97.6	76.0	118
EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	97.8	64.0	122
EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	97.8	70.0	116
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	99.0	69.0	121
EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	0.5 mg/kg	95.8	66.0	118
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.5 mg/kg	99.2	68.0	124
EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	94.4	62.0	112
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	92.3	68.0	120
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	0.5 mg/kg	92.4	65.0	127
EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	72.4	41.0	123
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 4016329)								
EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	1 mg/kg	86.3	67.0	113
EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	1 mg/kg	86.8	65.0	117
EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	1 mg/kg	87.2	66.0	122
EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	1 mg/kg	87.2	68.0	118
EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	1 mg/kg	87.9	69.0	119
EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	1 mg/kg	87.3	69.0	117
EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	1 mg/kg	88.0	69.0	115
EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	1 mg/kg	87.3	66.0	118
EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	1 mg/kg	92.9	59.0	125
EP074B: Oxygenated Compounds (QCLot: 4016329)								
EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	10 mg/kg	97.3	29.6	156
EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	10 mg/kg	88.1	58.0	136
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	10 mg/kg	91.3	62.0	132
EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	10 mg/kg	97.3	54.0	136
EP074C: Sulfonated Compounds (QCLot: 4016329)								
EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	1 mg/kg	98.8	54.0	126
EP074D: Fumigants (QCLot: 4016329)								
EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	1 mg/kg	89.2	60.0	126
EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	1 mg/kg	90.0	68.0	124
EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	1 mg/kg	86.8	51.0	119

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074D: Fumigants (QCLot: 4016329) - continued								
EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	1 mg/kg	92.2	52.0	114
EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	1 mg/kg	91.6	63.0	115
EP074E: Halogenated Aliphatic Compounds (QCLot: 4016329)								
EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	10 mg/kg	90.8	30.0	148
EP074: Chloromethane	74-87-3	5	mg/kg	<5	10 mg/kg	89.4	41.0	141
EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	10 mg/kg	87.8	43.0	147
EP074: Bromomethane	74-83-9	5	mg/kg	<5	10 mg/kg	90.1	47.0	141
EP074: Chloroethane	75-00-3	5	mg/kg	<5	10 mg/kg	87.8	49.0	143
EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	10 mg/kg	90.2	49.0	135
EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	1 mg/kg	90.7	54.0	126
EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	1 mg/kg	88.6	43.0	129
EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	1 mg/kg	89.9	64.0	120
EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	1 mg/kg	88.0	67.0	125
EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	1 mg/kg	86.2	69.0	121
EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	1 mg/kg	94.9	65.0	117
EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	1 mg/kg	91.9	65.0	123
EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	1 mg/kg	89.0	59.0	125
EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	1 mg/kg	93.2	65.0	125
EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	1 mg/kg	89.2	70.0	118
EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	1 mg/kg	91.9	68.0	118
EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	1 mg/kg	93.9	64.0	126
EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	1 mg/kg	93.4	68.0	122
EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	1 mg/kg	102	67.0	143
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	1 mg/kg	89.6	62.0	122
EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	1 mg/kg	90.0	54.0	128
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	1 mg/kg	89.6	55.0	129
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	1 mg/kg	94.2	65.0	121
EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	1 mg/kg	92.0	61.0	125
EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	1 mg/kg	110	19.8	134
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	1 mg/kg	92.1	53.0	129
EP074F: Halogenated Aromatic Compounds (QCLot: 4016329)								
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	1 mg/kg	90.2	68.0	116
EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	1 mg/kg	91.1	70.0	114
EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	1 mg/kg	88.2	68.0	122
EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	1 mg/kg	87.6	67.0	123
EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	1 mg/kg	92.8	52.0	122
EP074G: Trihalomethanes (QCLot: 4016329)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	1 mg/kg	89.0	66.0	124

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074G: Trihalomethanes (QCLot: 4016329) - continued								
EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	1 mg/kg	86.1	61.0	121
EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	1 mg/kg	87.9	63.0	121
EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	1 mg/kg	89.0	60.0	126
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015453)								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	6 mg/kg	111	77.0	125
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	6 mg/kg	96.4	72.0	124
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	6 mg/kg	102	73.0	127
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	6 mg/kg	107	72.0	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	6 mg/kg	110	75.0	127
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	6 mg/kg	105	77.0	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	6 mg/kg	110	73.0	127
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	6 mg/kg	112	74.0	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	6 mg/kg	92.6	69.0	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	6 mg/kg	104	75.0	127
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	6 mg/kg	87.1	68.0	116
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	6 mg/kg	108	74.0	126
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	6 mg/kg	93.7	70.0	126
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	6 mg/kg	105	61.0	121
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	6 mg/kg	107	62.0	118
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	6 mg/kg	98.3	63.0	121
EP075A: Phenolic Compounds (QCLot: 4015454)								
EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	1.5 mg/kg	103	64.0	114
EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	57.0	115
EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	1.5 mg/kg	97.5	55.0	117
EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	1.5 mg/kg	99.5	46.0	122
EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	96.3	47.0	117
EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	1.5 mg/kg	99.8	13.7	108
EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	1.5 mg/kg	96.7	47.0	105
EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	48.0	110
EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	1.5 mg/kg	102	57.0	113
EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	1.5 mg/kg	82.4	49.0	109
EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	1.5 mg/kg	83.8	49.0	107
EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	3 mg/kg	43.1	12.0	76.0
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015454)								
EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	1.5 mg/kg	97.5	62.0	118
EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	1.5 mg/kg	95.4	58.0	116
EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	1.5 mg/kg	99.8	54.0	112

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015454) - continued								
EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	1.5 mg/kg	88.5	56.0	114
EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	1.5 mg/kg	96.3	62.0	112
EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	113	59.0	115
EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	1.5 mg/kg	93.2	63.0	113
EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	1.5 mg/kg	96.3	57.0	111
EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	1.5 mg/kg	101	58.0	114
EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	1.5 mg/kg	112	57.0	117
EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	1.5 mg/kg	114	58.0	114
EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	112	59.0	115
EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	1.5 mg/kg	116	61.0	117
EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	3 mg/kg	103	57.0	119
EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	1.5 mg/kg	# 114	48.1	106
EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	1.5 mg/kg	101	56.0	116
EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	1.5 mg/kg	86.9	50.0	116
EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	1.5 mg/kg	89.3	55.0	117
EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	1.5 mg/kg	89.6	53.0	119
EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	1.5 mg/kg	89.7	56.0	120
EP075C: Phthalate Esters (QCLot: 4015454)								
EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	1.5 mg/kg	91.8	60.0	118
EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	1.5 mg/kg	113	65.0	115
EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	1.5 mg/kg	86.1	65.0	121
EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	1.5 mg/kg	110	62.0	116
EP075: bis(2-ethylhexyl) phthalate	117-81-7	----	mg/kg	----	1.5 mg/kg	96.9	69.0	133
EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	1.5 mg/kg	96.6	62.0	124
EP075D: Nitrosamines (QCLot: 4015454)								
EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	1.5 mg/kg	107	39.4	124
EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	1.5 mg/kg	96.6	59.0	117
EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<0.5	1.5 mg/kg	110	53.0	125
EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	1.5 mg/kg	98.5	65.0	121
EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	1.5 mg/kg	101	59.0	123
EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	1.5 mg/kg	90.2	57.0	115
EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	1.5 mg/kg	108	57.0	119
EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<0.6	3 mg/kg	110	42.0	112
EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	1.5 mg/kg	26.8	16.3	123
EP075E: Nitroaromatics and Ketones (QCLot: 4015454)								
EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	1.5 mg/kg	109	27.3	129

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075E: Nitroaromatics and Ketones (QCLot: 4015454) - continued								
EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	1.5 mg/kg	100	60.0	116
EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	1.5 mg/kg	87.6	65.0	119
EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	1.5 mg/kg	99.6	62.0	116
EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<0.5	1.5 mg/kg	91.6	58.0	118
EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<0.5	1.5 mg/kg	109	59.0	115
EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	1.5 mg/kg	79.5	18.0	112
EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	1.5 mg/kg	79.6	10.0	87.0
EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	1.5 mg/kg	# 110	48.3	98.5
EP075: Azobenzene	103-33-3	1	mg/kg	<1	1.5 mg/kg	100	62.0	118
EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	1.5 mg/kg	84.9	36.0	114
EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	1.5 mg/kg	107	62.0	114
EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	1.5 mg/kg	69.3	36.1	102
EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	1.5 mg/kg	94.5	56.0	110
EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	1.5 mg/kg	91.6	54.0	110
EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	1.5 mg/kg	107	48.0	108
EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	1.5 mg/kg	110	57.4	112
EP075F: Haloethers (QCLot: 4015454)								
EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	1.5 mg/kg	110	63.0	121
EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	1.5 mg/kg	104	59.0	115
EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	1.5 mg/kg	# 115	58.0	112
EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	108	58.0	110
EP075G: Chlorinated Hydrocarbons (QCLot: 4015454)								
EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	1.5 mg/kg	91.6	58.0	112
EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	1.5 mg/kg	92.2	58.0	116
EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	1.5 mg/kg	94.7	57.0	115
EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	1.5 mg/kg	100	54.0	116
EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	1.5 mg/kg	86.9	62.9	108
EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	1.5 mg/kg	95.8	39.1	110
EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	1.5 mg/kg	98.8	59.0	117
EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	1.5 mg/kg	55.1	24.3	108
EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	1.5 mg/kg	# 111	57.0	109
EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<0.5	1.5 mg/kg	106	59.0	111
EP075H: Anilines and Benzidines (QCLot: 4015454)								
EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	1.5 mg/kg	93.9	13.2	108
EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	1.5 mg/kg	45.6	20.5	99.0
EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<0.5	1.5 mg/kg	100	52.0	112
EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<0.5	1.5 mg/kg	88.6	31.5	93.7
EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	1.5 mg/kg	110	60.0	110

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075H: Anilines and Benzidines (QCLot: 4015454) - continued								
EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	1.5 mg/kg	105	42.0	112
EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	1.5 mg/kg	95.0	59.0	111
EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	1.5 mg/kg	104	23.1	113
EP075I: Organochlorine Pesticides (QCLot: 4015454)								
EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	1.5 mg/kg	106	63.0	113
EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	1.5 mg/kg	92.1	57.0	113
EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	1.5 mg/kg	101	61.0	117
EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	1.5 mg/kg	98.1	64.0	118
EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	1.5 mg/kg	75.8	55.0	115
EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	61.0	115
EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	1.5 mg/kg	98.8	56.0	118
EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	1.5 mg/kg	108	65.0	125
EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	1.5 mg/kg	111	60.0	116
EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	1.5 mg/kg	108	64.0	118
EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	1.5 mg/kg	107	53.0	117
EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	1.5 mg/kg	110	65.0	115
EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	1.5 mg/kg	110	62.0	118
EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	1.5 mg/kg	119	63.0	129
EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<0.5	1.5 mg/kg	110	46.0	122
EP075J: Organophosphorus Pesticides (QCLot: 4015454)								
EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	92.2	46.0	112
EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	63.0	119
EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	1.5 mg/kg	101	68.0	134
EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	1.5 mg/kg	77.9	60.0	130
EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	102	65.0	127
EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	1.5 mg/kg	96.4	60.0	116
EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	1.5 mg/kg	92.1	63.0	113
EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	1.5 mg/kg	106	65.0	115
EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	1.5 mg/kg	82.4	59.0	103
EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	1.5 mg/kg	114	59.0	119
EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	1.5 mg/kg	117	62.0	118
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4015452)								
EP071: C10 - C14 Fraction	----	50	mg/kg	<50	300 mg/kg	106	75.0	129
EP071: C15 - C28 Fraction	----	100	mg/kg	<100	450 mg/kg	103	77.0	131
EP071: C29 - C36 Fraction	----	100	mg/kg	<100	300 mg/kg	99.2	71.0	129
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4016328)								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	26 mg/kg	88.7	68.4	128
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452)								

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452) - continued								
EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	375 mg/kg	107	77.0	125
EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	525 mg/kg	100.0	74.0	138
EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	225 mg/kg	100	63.0	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4016328)								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	31 mg/kg	79.0	68.4	128
EP080: BTEXN (QCLot: 4016328)								
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	89.5	62.0	116
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	87.2	67.0	121
EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	83.0	65.0	117
EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	82.3	66.0	118
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	83.8	68.0	120
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	83.9	63.0	119
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4017540)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	121	72.0	128
EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	104	73.0	123
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	100	67.0	130
EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	107	70.0	132
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	99.6	68.0	136
EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	98.0	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4017540)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	92.8	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	116	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	122	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	107	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	111	69.0	133
EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	98.4	72.0	129
EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	0.00125 mg/kg	100	69.0	133
EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	101	64.0	136
EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	110	69.0	135
EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	124	66.0	139
EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	114	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540)								
EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	86.4	67.0	137
EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	0.00312 mg/kg	87.8	71.6	129
EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	82.5	69.8	131
EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	97.9	68.7	130

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540) - continued								
EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	75.5	65.1	134
EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	86.4	63.0	144
EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	119	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4017540)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	99.2	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	96.8	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	93.6	65.0	137
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	76.0	69.2	143

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%): MS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4018547)							
EB2131742-003	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	85.9	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	94.4	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	84.0	68.0	132
		EG005T: Copper	7440-50-8	250 mg/kg	100	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	89.5	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	94.0	70.0	130
		EG005T: Zinc	7440-66-6	250 mg/kg	109	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4018546)							
EB2131742-003	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	115	70.0	130
EP068A: Organochlorine Pesticides (OC) (QCLot: 4015455)							
ES2141124-001	Anonymous	EP068: gamma-BHC	58-89-9	0.5 mg/kg	89.7	70.0	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	83.2	70.0	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	110	70.0	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	97.4	70.0	130
		EP068: Endrin	72-20-8	2 mg/kg	77.7	70.0	130
		EP068: 4.4`-DDT	50-29-3	2 mg/kg	110	70.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455)							
ES2141124-001	Anonymous	EP068: Diazinon	333-41-5	0.5 mg/kg	85.0	70.0	130

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4015455) - continued							
ES2141124-001	Anonymous	EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	87.5	70.0	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	76.6	70.0	130
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	96.0	70.0	130
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	112	70.0	130
EP074E: Halogenated Aliphatic Compounds (QCLot: 4016329)							
ES2141124-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	2.5 mg/kg	87.4	70.0	130
		EP074: Trichloroethene	79-01-6	2.5 mg/kg	88.7	70.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 4016329)							
ES2141124-001	Anonymous	EP074: Chlorobenzene	108-90-7	2.5 mg/kg	92.4	70.0	130
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015453)							
ES2141124-001	Anonymous	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	92.2	70.0	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	106	70.0	130
EP075A: Phenolic Compounds (QCLot: 4015454)							
ES2141124-001	Anonymous	EP075: Phenol	108-95-2	10 mg/kg	92.8	60.0	130
		EP075: 2-Chlorophenol	95-57-8	10 mg/kg	91.8	60.0	130
		EP075: 2-Nitrophenol	88-75-5	10 mg/kg	89.4	50.0	130
		EP075: 4-Chloro-3-methylphenol	59-50-7	10 mg/kg	118	50.0	130
		EP075: Pentachlorophenol	87-86-5	10 mg/kg	94.8	10.0	130
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4015454)							
ES2141124-001	Anonymous	EP075: Acenaphthene	83-32-9	10 mg/kg	94.2	50.0	130
		EP075: Pyrene	129-00-0	10 mg/kg	98.4	50.0	130
EP075D: Nitrosamines (QCLot: 4015454)							
ES2141124-001	Anonymous	EP075: N-Nitrosodi-n-propylamine	621-64-7	10 mg/kg	88.4	50.0	130
EP075E: Nitroaromatics and Ketones (QCLot: 4015454)							
ES2141124-001	Anonymous	EP075: 2.4-Dinitrotoluene	121-14-2	10 mg/kg	113	40.0	130
EP075G: Chlorinated Hydrocarbons (QCLot: 4015454)							
ES2141124-001	Anonymous	EP075: 1.4-Dichlorobenzene	106-46-7	10 mg/kg	94.8	60.0	130
		EP075: 1.2.4-Trichlorobenzene	120-82-1	10 mg/kg	78.2	50.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4015452)							
ES2141124-001	Anonymous	EP071: C10 - C14 Fraction	----	480 mg/kg	100	73.0	137
		EP071: C15 - C28 Fraction	----	3100 mg/kg	101	53.0	131
		EP071: C29 - C36 Fraction	----	2060 mg/kg	107	52.0	132
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4016328)							
ES2141124-001	Anonymous	EP080: C6 - C9 Fraction	----	32.5 mg/kg	97.1	70.0	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452)							

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4015452) - continued							
ES2141124-001	Anonymous	EP071: >C10 - C16 Fraction	----	860 mg/kg	102	73.0	137
		EP071: >C16 - C34 Fraction	----	4320 mg/kg	104	53.0	131
		EP071: >C34 - C40 Fraction	----	890 mg/kg	101	52.0	132
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4016328)							
ES2141124-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	92.6	70.0	130
EP080: BTEXN (QCLot: 4016328)							
ES2141124-001	Anonymous	EP080: Benzene	71-43-2	2.5 mg/kg	81.3	70.0	130
		EP080: Toluene	108-88-3	2.5 mg/kg	83.4	70.0	130
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	83.0	70.0	130
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	83.0	70.0	130
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	83.2	70.0	130
		EP080: Naphthalene	91-20-3	2.5 mg/kg	81.4	70.0	130
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4017540)							
ES2141124-001	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	118	72.0	128
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.00125 mg/kg	104	73.0	123
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	103	67.0	130
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.00125 mg/kg	105	70.0	132
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	101	68.0	136
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.00125 mg/kg	107	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4017540)							
ES2141124-001	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	96.5	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	110	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	120	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	106	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	118	69.0	133
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.00125 mg/kg	107	72.0	129
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.00125 mg/kg	102	69.0	133
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.00125 mg/kg	103	64.0	136
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.00125 mg/kg	111	69.0	135
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.00125 mg/kg	127	66.0	139
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.00312 mg/kg	113	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540)							
ES2141124-001	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.00125 mg/kg	90.0	67.0	137
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.00312 mg/kg	87.7	71.6	129
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.00312 mg/kg	80.8	69.8	131

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4017540) - continued							
ES2141124-001	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.00312 mg/kg	106	68.7	130
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.00312 mg/kg	93.9	65.1	134
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.00125 mg/kg	92.0	63.0	144
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.00125 mg/kg	113	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4017540)							
ES2141124-001	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	103	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	102	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	100	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	87.2	69.2	143

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ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2141125**	Page	: 1 of 11
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 12-Nov-2021
Site	: ----	Issue Date	: 19-Nov-2021
Sampler	: JACK EMBLEN	No. of samples received	: 2
Order number	: ----	No. of samples analysed	: 2

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Matrix Spike outliers occur.**
- **Duplicate outliers exist - please see following pages for full details.**
- **Laboratory Control outliers exist - please see following pages for full details.**
- **For all regular sample matrices, NO surrogate recovery outliers occur.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

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Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Duplicate (DUP) RPDs							
EG005(ED093)T: Total Metals by ICP-AES	ES2141157--002	Anonymous	**Chromium**	7440-47-3	54.0 %	0% - 20%	**RPD exceeds LOR based limits**
Laboratory Control Spike (LCS) Recoveries							
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4015454-002	----	**7.12-Dimethylbenz(a)anthracene**	57-97-6	114 %	48.1-106%	**Recovery greater than upper control limit**
EP075E: Nitroaromatics and Ketones	QC-4015454-002	----	**5-Nitro-o-toluidine**	99-55-8	110 %	48.3-98.5%	**Recovery greater than upper control limit**
EP075F: Haloethers	QC-4015454-002	----	**4-Chlorophenyl phenyl ether**	7005-72-3	115 %	58.0-112%	**Recovery greater than upper control limit**
EP075G: Chlorinated Hydrocarbons	QC-4015454-002	----	**Pentachlorobenzene**	608-93-5	111 %	57.0-109%	**Recovery greater than upper control limit**

Outliers : Analysis Holding Time Compliance

Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EA055: Moisture Content (Dried @ 105-110°C)						
HDPE Soil Jar 20211028_T02	----	----	----	16-Nov-2021	11-Nov-2021	**5**
Soil Glass Jar - Unpreserved 20211028_T01	----	----	----	17-Nov-2021	11-Nov-2021	**6**
EP068A: Organochlorine Pesticides (OC)						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP068B: Organophosphorus Pesticides (OP)						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	04-Nov-2021	**12**	16-Nov-2021	04-Nov-2021	**12**
EP074B: Oxygenated Compounds						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	04-Nov-2021	**12**	16-Nov-2021	04-Nov-2021	**12**
EP074C: Sulfonated Compounds						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	04-Nov-2021	**12**	16-Nov-2021	04-Nov-2021	**12**
EP074D: Fumigants						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	04-Nov-2021	**12**	16-Nov-2021	04-Nov-2021	**12**

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Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EP074E: Halogenated Aliphatic Compounds						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	04-Nov-2021	**12**	16-Nov-2021	04-Nov-2021	**12**
EP074F: Halogenated Aromatic Compounds						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	04-Nov-2021	**12**	16-Nov-2021	04-Nov-2021	**12**
EP074G: Trihalomethanes						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	04-Nov-2021	**12**	16-Nov-2021	04-Nov-2021	**12**
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075A: Phenolic Compounds						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075C: Phthalate Esters						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075D: Nitrosamines						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075E: Nitroaromatics and Ketones						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075F: Haloethers						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075G: Chlorinated Hydrocarbons						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075H: Anilines and Benzidines						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP075I: Organochlorine Pesticides						
Soil Glass Jar - Unpreserved						
20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----

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Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Days overdue	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Days overdue
EP075J: Organophosphorus Pesticides						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP080/071: Total Petroleum Hydrocarbons						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	16-Nov-2021	11-Nov-2021	**5**
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	16-Nov-2021	11-Nov-2021	**5**
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	----	----	----
EP080: BTEXN						
Soil Glass Jar - Unpreserved 20211028_T01	16-Nov-2021	11-Nov-2021	**5**	16-Nov-2021	11-Nov-2021	**5**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Evaluation	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
HDPE Soil Jar (EA055) 20211028_T02	**28-Oct-2021**	**----**	----	----	**16-Nov-2021**	11-Nov-2021	×
Soil Glass Jar - Unpreserved (EA055) 20211028_T01	**28-Oct-2021**	**----**	----	----	**17-Nov-2021**	11-Nov-2021	×
EG005(ED093)T: Total Metals by ICP-AES							
Soil Glass Jar - Unpreserved (EG005T) 20211028_T01	**28-Oct-2021**	**17-Nov-2021**	26-Apr-2022	✓	**17-Nov-2021**	26-Apr-2022	✓
EG035T: Total Recoverable Mercury by FIMS							
Soil Glass Jar - Unpreserved (EG035T) 20211028_T01	**28-Oct-2021**	**17-Nov-2021**	25-Nov-2021	✓	**17-Nov-2021**	25-Nov-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP068A: Organochlorine Pesticides (OC)							
Soil Glass Jar - Unpreserved (EP068)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP068B: Organophosphorus Pesticides (OP)							
Soil Glass Jar - Unpreserved (EP068)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP074A: Monocyclic Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP074)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	04-Nov-2021	×	**16-Nov-2021**	04-Nov-2021	×
EP074B: Oxygenated Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	04-Nov-2021	×	**16-Nov-2021**	04-Nov-2021	×
EP074C: Sulfonated Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	04-Nov-2021	×	**16-Nov-2021**	04-Nov-2021	×
EP074D: Fumigants							
Soil Glass Jar - Unpreserved (EP074)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	04-Nov-2021	×	**16-Nov-2021**	04-Nov-2021	×
EP074E: Halogenated Aliphatic Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	04-Nov-2021	×	**16-Nov-2021**	04-Nov-2021	×
EP074F: Halogenated Aromatic Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	04-Nov-2021	×	**16-Nov-2021**	04-Nov-2021	×
EP074G: Trihalomethanes							
Soil Glass Jar - Unpreserved (EP074)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	04-Nov-2021	×	**16-Nov-2021**	04-Nov-2021	×
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075(SIM))							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075A: Phenolic Compounds							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075C: Phthalate Esters							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075D: Nitrosamines							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075E: Nitroaromatics and Ketones							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075F: Haloethers							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075G: Chlorinated Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075H: Anilines and Benzidines							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075I: Organochlorine Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP075J: Organophosphorus Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
EP080/071: Total Petroleum Hydrocarbons							
Soil Glass Jar - Unpreserved (EP071)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
Soil Glass Jar - Unpreserved (EP080)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**16-Nov-2021**	11-Nov-2021	×
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Soil Glass Jar - Unpreserved (EP071)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**17-Nov-2021**	26-Dec-2021	✓
Soil Glass Jar - Unpreserved (EP080)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**16-Nov-2021**	11-Nov-2021	×
EP080: BTEXN							
Soil Glass Jar - Unpreserved (EP080)							
20211028_T01	**28-Oct-2021**	**16-Nov-2021**	11-Nov-2021	×	**16-Nov-2021**	11-Nov-2021	×
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211028_T01, 20211028_T02	**28-Oct-2021**	**16-Nov-2021**	26-Apr-2022	✓	**17-Nov-2021**	26-Dec-2021	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X)							
20211028_T01, 20211028_T02	**28-Oct-2021**	**16-Nov-2021**	26-Apr-2022	✓	**17-Nov-2021**	26-Dec-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP231C: Perfluoroalkyl Sulfonamides							
HDPE Soil Jar (EP231X)							
20211028_T01, 20211028_T02	**28-Oct-2021**	**16-Nov-2021**	26-Apr-2022	✓	**17-Nov-2021**	26-Dec-2021	✓
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211028_T01, 20211028_T02	**28-Oct-2021**	**16-Nov-2021**	26-Apr-2022	✓	**17-Nov-2021**	26-Dec-2021	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X)							
20211028_T01, 20211028_T02	**28-Oct-2021**	**16-Nov-2021**	26-Apr-2022	✓	**17-Nov-2021**	26-Dec-2021	✓

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Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
Moisture Content	EA055	3	26	**11.54**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	2	11	**18.18**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Matrix Spikes (MS) - Continued							
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to AS 3550, APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
Volatile Organic Compounds	EP074	SOIL	In house: Referenced to USEPA SW 846 - 8260 Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
Semivolatile Organic Compounds	EP075	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by LC-Electrospray-MS-MS, Negative Mode using MRM using internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to a portion of soil which is then extracted with MTBE and an ion pairing reagent. A portion of extract is exchanged into the analytical solvent mixture, combined with an equal volume reagent water and filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.

Preparation Methods	Method	Matrix	Method Descriptions

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Preparation Methods	Method	Matrix	Method Descriptions
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

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CHAIN OF CUSTODY RECORD

Sydney Laboratory
Unit F2 Bld F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

Perth Laboratory
Unit 2 91 Leach Highway Kenidale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses
Where multiple requested analyses apply to one sample, tick all applicable boxes.
SUITE codes must be listed to ensure correct analysis.

Containers
Change container type & size if necessary

Required Turnaround Time (TAT)
Default will be 5 days if not ticked.

- *Surcharge will apply
- ☐ Overnight (reporting by 9am)*
- ☐ Same day ◆ ☐ 1 day ◆
- ☐ 2 days ◆ ☐ 3
- ☑ 5 days (Standard)
- ☐ Other( )

№	Client Sample ID	Sampled Date/Time (dd/mm/yy hh:mm)	Matrix Solid (S) Water (W)	SOLID SUITE A1	SOLID SUITE B**	BTEX	350mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
21	TP317_0.3				X										
22	TP316_0.1			X											
23	TP316_0.3				X										
24	TP307_0.1			X											
25	TP307_0.3				X										
26	TP308_0.1			X											
27	TP308_0.3				X										
28	TP309_0.1			X											
29	TP309_0.3				X										
30	TP310_0.1			X											
	TP311_0.1			X											
	TP311_0.3				X										
	TP312_0.1			X											
	TP312_0.3				X										
	TP313_0.1			X											
	TP313_0.3				X										
	TP314_0.1			X											
	TP314_0.3				X										
	TP306_0.1			X											
	TP306_0.3				X										
	TP304_0.1			X											
	TP304_0.3				X										
	TP301_0.1			X											
	TP301_0.3				X										
	TP302_0.1			X											
	TP302_0.3				X										
	TP301_0.1			X											
	TP301_0.3				X										
	TP300_0.1			X											
	TP_300_0.3				X										
	TP299_0.1			X											
	TP299_0.3				X										
	TP290_0.1			X											
	TP290_0.3				X										

Environmental Division
Sydney
Work Order Reference
ES2141125

Telephone : +61-2-8784 8555

Rec: 5088/L
12/11/21 1800
9.6c

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TP291_0.1	X						
TP291_0.3		X					
TP292_0.1	X						
TP292_0.3		X					
TP293_0.1	X						
TP293_0.3		X					
TP294_0.1	X						
TP294_0.3		X					
TP295_0.1	X						
TP295_0.3		X					
TS/TB			X				
20211028_D01		X					
20211028_D02			X				
20211028_T01		X					PLEASE SEND TO ALS
20211028_T02		X					PLEASE SEND TO ALS
Total Counts	5	5					

Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Eurofins Environment Testing Australia Pty Ltd

DRAFT

Rec: [signature]
12/11/21 1800
96<

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32

☐ **Sydney Laboratory**
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☐ **Perth Laboratory**
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☐ **Melbourne Laboratory**
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	**Project №**	0571466
Address	11/277 Lane Cove Road, Macquarie Park	**Project Name**	Bradfield City Centre
Contact Name	Jack Emblen	**Project Manager**	Nicholas Grbich
Phone №	0402 979 340	**EDD Format** ESdat, EQuIS etc	
Special Directions		**Sampler(s)**	Jack Emblen
Purchase Order		**Handed over by**	Jack Emblen
Quote ID №		**Email for Invoice**	Nicholas Grbich
		Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers Change container type & size if necessary.

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	TP161_0.05			X										*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TP161_0.3				X									**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	TP162_0.1			X										
4	TP162_0.3				X									
5	TP156_0.1			X										
6	1P156_0.3				X									
7	TP157_0.1			X										
8	TP157_0.3				X									
9	TP155_0.1			X										
10	TP155_0.3				X									
		Total Counts		5	5									

Method of Shipment	☑ Courier (#)	☐ Hand Delivered	☐ Postal	Name	JACK EMBLEN	Signature	Date	44498	Time	900

Submission of samples to the laboratory will be taken as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

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Eurofins | Environment Testing ABN 50 005 085 521

☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smallwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	**Project №**	0571466
Address	11/277 Lane Cove Road, Macquarie Park	**Project Name**	Bradfield City Centre
Contact Name	Jack Emblen	**Project Manager**	Nicholas Grbich
Phone №	0402 979 340	**EDD Format** ESdat, EQuIS etc	
Special Directions		**Sampler(s)**	Jack Emblen
Purchase Order		**Handed over by**	Jack Emblen
Quote ID №		**Email for Invoice**	Nicholas Grbich
		Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing.

Containers Change container type & size if necessary.

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☑ 5 days (Standard)
☐ Other( )

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
11	TP154_0.1			X										
12	TP154_0.3				X									
13	TP153_0.1			X										
14	TP320_0.3				X									
15	TP319_0.1			X										
16	TP319_0.3				X									
17	TP318_0.1			X										
18	TP318_0.3				X									
19	TP317_0.1			X										
20														
		Total Counts		5	4									

Method of Shipment ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Eurofins Environment Testing Australia Pty Ltd

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ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **ES2142411**	Page	: 1 of 15
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 23-Nov-2021 15:00
Order number	: ----	Date Analysis Commenced	: 25-Nov-2021
C-O-C number	: ----	Issue Date	: 30-Nov-2021 14:44
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 1		
No. of samples analysed	: 1		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Wisam Marassa	Inorganics Coordinator	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Sum of chlorinated hydrocarbons includes carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichlorothene, trans-1,2-dichlorothene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, hexachlorobutadiene and methylene chloride.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EP075: Where reported, 'Sum of PAH' is the sum of the USEPA 16 priority PAHs
- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS (Australian HEPA) and also conform to QSM 5.3 (US DoD) requirements.

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	**29.6**	----	----	----	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	**8**	----	----	----	----
Cadmium	7440-43-9	1	mg/kg	<1	----	----	----	----
Chromium	7440-47-3	2	mg/kg	**20**	----	----	----	----
Copper	7440-50-8	5	mg/kg	**22**	----	----	----	----
Lead	7439-92-1	5	mg/kg	**18**	----	----	----	----
Nickel	7440-02-0	2	mg/kg	**14**	----	----	----	----
Zinc	7440-66-6	5	mg/kg	**78**	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	----	----	----	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	----	----	----	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	----	----	----	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	----	----	----	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	----	----	----	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	----	----	----	----
^ **Total Chlordane (sum)**	----	0.05	mg/kg	<0.05	----	----	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	----	----	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	----	----	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	----	----	----	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	----	----	----	----
Endrin	72-20-8	0.05	mg/kg	<0.05	----	----	----	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	----	----	----	----
^ **Endosulfan (sum)**	115-29-7	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	----	----	----	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	----	----	----	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	----	----	----	----
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211115_T01	----	----	----	----
				Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142411-001	--------	--------	--------	--------
					Result	----	----	----	----
EP068A: Organochlorine Pesticides (OC) - Continued									
Methoxychlor	72-43-5	0.2	mg/kg		<0.2	----	----	----	----
^ **Sum of Aldrin + Dieldrin**	309-00-2/60-57-1	0.05	mg/kg		<0.05	----	----	----	----
^ **Sum of DDD + DDE + DDT**	72-54-8/72-55-9/50-2	0.05	mg/kg		<0.05	----	----	----	----
EP068B: Organophosphorus Pesticides (OP)									
Dichlorvos	62-73-7	0.05	mg/kg		<0.05	----	----	----	----
Demeton-S-methyl	919-86-8	0.05	mg/kg		<0.05	----	----	----	----
Monocrotophos	6923-22-4	0.2	mg/kg		<0.2	----	----	----	----
Dimethoate	60-51-5	0.05	mg/kg		<0.05	----	----	----	----
Diazinon	333-41-5	0.05	mg/kg		<0.05	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg		<0.05	----	----	----	----
Parathion-methyl	298-00-0	0.2	mg/kg		<0.2	----	----	----	----
Malathion	121-75-5	0.05	mg/kg		<0.05	----	----	----	----
Fenthion	55-38-9	0.05	mg/kg		<0.05	----	----	----	----
Chlorpyrifos	2921-88-2	0.05	mg/kg		<0.05	----	----	----	----
Parathion	56-38-2	0.2	mg/kg		<0.2	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg		<0.05	----	----	----	----
Chlorfenvinphos	470-90-6	0.05	mg/kg		<0.05	----	----	----	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg		<0.05	----	----	----	----
Fenamiphos	22224-92-6	0.05	mg/kg		<0.05	----	----	----	----
Prothiofos	34643-46-4	0.05	mg/kg		<0.05	----	----	----	----
Ethion	563-12-2	0.05	mg/kg		<0.05	----	----	----	----
Carbophenothion	786-19-6	0.05	mg/kg		<0.05	----	----	----	----
Azinphos Methyl	86-50-0	0.05	mg/kg		<0.05	----	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons									
Benzene	71-43-2	0.2	mg/kg		<0.2	----	----	----	----
Toluene	108-88-3	0.5	mg/kg		<0.5	----	----	----	----
Ethylbenzene	100-41-4	0.5	mg/kg		<0.5	----	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg		<0.5	----	----	----	----
Styrene	100-42-5	0.5	mg/kg		<0.5	----	----	----	----
ortho-Xylene	95-47-6	0.5	mg/kg		<0.5	----	----	----	----
Isopropylbenzene	98-82-8	0.5	mg/kg		<0.5	----	----	----	----
n-Propylbenzene	103-65-1	0.5	mg/kg		<0.5	----	----	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg		<0.5	----	----	----	----
sec-Butylbenzene	135-98-8	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211115_T01	----	----	----	----
				Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142411-001	--------	--------	--------	--------
					Result	----	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons - Continued									
1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg		<0.5	----	----	----	----
tert-Butylbenzene	98-06-6	0.5	mg/kg		<0.5	----	----	----	----
p-Isopropyltoluene	99-87-6	0.5	mg/kg		<0.5	----	----	----	----
n-Butylbenzene	104-51-8	0.5	mg/kg		<0.5	----	----	----	----
EP074B: Oxygenated Compounds									
Vinyl Acetate	108-05-4	5	mg/kg		<5	----	----	----	----
2-Butanone (MEK)	78-93-3	5	mg/kg		<5	----	----	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg		<5	----	----	----	----
2-Hexanone (MBK)	591-78-6	5	mg/kg		<5	----	----	----	----
EP074C: Sulfonated Compounds									
Carbon disulfide	75-15-0	0.5	mg/kg		<0.5	----	----	----	----
EP074D: Fumigants									
2.2-Dichloropropane	594-20-7	0.5	mg/kg		<0.5	----	----	----	----
1.2-Dichloropropane	78-87-5	0.5	mg/kg		<0.5	----	----	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg		<0.5	----	----	----	----
trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg		<0.5	----	----	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg		<0.5	----	----	----	----
EP074E: Halogenated Aliphatic Compounds									
Dichlorodifluoromethane	75-71-8	5	mg/kg		<5	----	----	----	----
Chloromethane	74-87-3	5	mg/kg		<5	----	----	----	----
Vinyl chloride	75-01-4	5	mg/kg		<5	----	----	----	----
Bromomethane	74-83-9	5	mg/kg		<5	----	----	----	----
Chloroethane	75-00-3	5	mg/kg		<5	----	----	----	----
Trichlorofluoromethane	75-69-4	5	mg/kg		<5	----	----	----	----
1.1-Dichloroethene	75-35-4	0.5	mg/kg		<0.5	----	----	----	----
Iodomethane	74-88-4	0.5	mg/kg		<0.5	----	----	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg		<0.5	----	----	----	----
1.1-Dichloroethane	75-34-3	0.5	mg/kg		<0.5	----	----	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg		<0.5	----	----	----	----
1.1.1-Trichloroethane	71-55-6	0.5	mg/kg		<0.5	----	----	----	----
1.1-Dichloropropylene	563-58-6	0.5	mg/kg		<0.5	----	----	----	----
Carbon Tetrachloride	56-23-5	0.5	mg/kg		<0.5	----	----	----	----
1.2-Dichloroethane	107-06-2	0.5	mg/kg		<0.5	----	----	----	----
Trichloroethene	79-01-6	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EP074E: Halogenated Aliphatic Compounds - Continued								
Dibromomethane	74-95-3	0.5	mg/kg	<0.5	----	----	----	----
1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	----	----	----	----
1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	----	----	----	----
Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	----	----	----	----
1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	----	----	----	----
trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	----	----	----	----
cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	----	----	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	----	----	----	----
Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	----	----	----	----
EP074F: Halogenated Aromatic Compounds								
Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	----	----	----	----
Bromobenzene	108-86-1	0.5	mg/kg	<0.5	----	----	----	----
2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	----	----	----	----
4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	----	----	----	----
EP074G: Trihalomethanes								
Chloroform	67-66-3	0.5	mg/kg	<0.5	----	----	----	----
Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	----	----	----	----
Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	----	----	----	----
Bromoform	75-25-2	0.5	mg/kg	<0.5	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211115_T01	----	----	----	----
				Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142411-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued									
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg		<0.5	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg		<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg		<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg		<0.5	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg		<0.5	----	----	----	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg		<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg		<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg		**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg		**1.2**	----	----	----	----
EP075A: Phenolic Compounds									
Phenol	108-95-2	0.5	mg/kg		<0.5	----	----	----	----
2-Chlorophenol	95-57-8	0.5	mg/kg		<0.5	----	----	----	----
2-Methylphenol	95-48-7	0.5	mg/kg		<0.5	----	----	----	----
3- & 4-Methylphenol	1319-77-3	0.5	mg/kg		<0.5	----	----	----	----
2-Nitrophenol	88-75-5	0.5	mg/kg		<0.5	----	----	----	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg		<0.5	----	----	----	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg		<0.5	----	----	----	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg		<0.5	----	----	----	----
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg		<0.5	----	----	----	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg		<0.5	----	----	----	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg		<0.5	----	----	----	----
Pentachlorophenol	87-86-5	1	mg/kg		<1	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons									
Naphthalene	91-20-3	0.5	mg/kg		<0.5	----	----	----	----
2-Methylnaphthalene	91-57-6	0.5	mg/kg		<0.5	----	----	----	----
2-Chloronaphthalene	91-58-7	0.5	mg/kg		<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg		<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg		<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg		<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg		<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg		<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg		<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg		<0.5	----	----	----	----
N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons - Continued								
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	----	----	----	----
7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	----	----	----
3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	----	----	----	----
^ Sum of PAHs	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	----	----	----	----
EP075C: Phthalate Esters								
Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	----	----	----	----
Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	----	----	----	----
Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	----	----	----	----
Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	----	----	----	----
bis(2-ethylhexyl) phthalate	117-81-7	5.0	mg/kg	<5.0	----	----	----	----
Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	----	----	----	----
EP075D: Nitrosamines								
N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosopyrrolidine	930-55-2	1.0	mg/kg	<1.0	----	----	----	----
N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	1.0	mg/kg	<1.0	----	----	----	----
Methapyrilene	91-80-5	0.5	mg/kg	<0.5	----	----	----	----
EP075E: Nitroaromatics and Ketones								
2-Picoline	109-06-8	0.5	mg/kg	<0.5	----	----	----	----
Acetophenone	98-86-2	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EP075E: Nitroaromatics and Ketones - Continued								
Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	----	----	----	----
Isophorone	78-59-1	0.5	mg/kg	<0.5	----	----	----	----
2.6-Dinitrotoluene	606-20-2	1.0	mg/kg	<1.0	----	----	----	----
2.4-Dinitrotoluene	121-14-2	1.0	mg/kg	<1.0	----	----	----	----
1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	----	----	----	----
4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	----	----	----	----
5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	----	----	----	----
Azobenzene	103-33-3	1	mg/kg	<1	----	----	----	----
1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	----	----	----	----
Phenacetin	62-44-2	0.5	mg/kg	<0.5	----	----	----	----
4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	----	----	----	----
Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	----	----	----	----
Pronamide	23950-58-5	0.5	mg/kg	<0.5	----	----	----	----
Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	----	----	----	----
Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	----	----	----	----
EP075F: Haloethers								
Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	----	----	----	----
Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	----	----	----	----
4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	----	----	----	----
4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	----	----	----	----
EP075G: Chlorinated Hydrocarbons								
1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	----	----	----	----
1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	----	----	----	----
Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	----	----	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	----	----	----	----
Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	----	----	----	----
Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	1.0	mg/kg	<1.0	----	----	----	----
EP075H: Anilines and Benzidines								
Aniline	62-53-3	0.5	mg/kg	<0.5	----	----	----	----
4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EP075H: Anilines and Benzidines - Continued								
2-Nitroaniline	88-74-4	1.0	mg/kg	<1.0	----	----	----	----
3-Nitroaniline	99-09-2	1.0	mg/kg	<1.0	----	----	----	----
Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	----	----	----	----
4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	----	----	----	----
Carbazole	86-74-8	0.5	mg/kg	<0.5	----	----	----	----
3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	----	----	----	----
EP075I: Organochlorine Pesticides								
alpha-BHC	319-84-6	0.5	mg/kg	<0.5	----	----	----	----
beta-BHC	319-85-7	0.5	mg/kg	<0.5	----	----	----	----
gamma-BHC	58-89-9	0.5	mg/kg	<0.5	----	----	----	----
delta-BHC	319-86-8	0.5	mg/kg	<0.5	----	----	----	----
Heptachlor	76-44-8	0.5	mg/kg	<0.5	----	----	----	----
Aldrin	309-00-2	0.5	mg/kg	<0.5	----	----	----	----
Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	----	----	----	----
alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	----	----	----	----
Dieldrin	60-57-1	0.5	mg/kg	<0.5	----	----	----	----
Endrin	72-20-8	0.5	mg/kg	<0.5	----	----	----	----
beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	----	----	----	----
Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDT	50-29-3	1.0	mg/kg	<1.0	----	----	----	----
EP075J: Organophosphorus Pesticides								
Dichlorvos	62-73-7	0.5	mg/kg	<0.5	----	----	----	----
Dimethoate	60-51-5	0.5	mg/kg	<0.5	----	----	----	----
Diazinon	333-41-5	0.5	mg/kg	<0.5	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	----	----	----	----
Malathion	121-75-5	0.5	mg/kg	<0.5	----	----	----	----
Fenthion	55-38-9	0.5	mg/kg	<0.5	----	----	----	----
Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	----	----	----	----
Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	----	----	----	----
Prothiofos	34643-46-4	0.5	mg/kg	<0.5	----	----	----	----
Ethion	563-12-2	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	10	mg/kg	<10	----	----	----	----
C10 - C14 Fraction	----	50	mg/kg	<50	----	----	----	----
C15 - C28 Fraction	----	100	mg/kg	<100	----	----	----	----
C29 - C36 Fraction	----	100	mg/kg	<100	----	----	----	----
^ **C10 - C36 Fraction (sum)**	----	50	mg/kg	<50	----	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	10	mg/kg	<10	----	----	----	----
^ **C6 - C10 Fraction minus BTEX (F1)**	C6_C10-BTEX	10	mg/kg	<10	----	----	----	----
>C10 - C16 Fraction	----	50	mg/kg	<50	----	----	----	----
>C16 - C34 Fraction	----	100	mg/kg	<100	----	----	----	----
>C34 - C40 Fraction	----	100	mg/kg	<100	----	----	----	----
^ **>C10 - C40 Fraction (sum)**	----	50	mg/kg	<50	----	----	----	----
^ **>C10 - C16 Fraction minus Naphthalene (F2)**	----	50	mg/kg	<50	----	----	----	----
EP080: BTEXN								
Benzene	71-43-2	0.2	mg/kg	<0.2	----	----	----	----
Toluene	108-88-3	0.5	mg/kg	<0.5	----	----	----	----
Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	----	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	----	----	----	----
ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	----	----	----	----
^ **Sum of BTEX**	----	0.2	mg/kg	<0.2	----	----	----	----
^ **Total Xylenes**	----	0.5	mg/kg	<0.5	----	----	----	----
Naphthalene	91-20-3	1	mg/kg	<1	----	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids								
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids - Continued								
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	----	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids								
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	----	----	----	----
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	----	----	----	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	----	----	----	----
EP231C: Perfluoroalkyl Sulfonamides								
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	----	----	----	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	----	----	----	----
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids								

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211115_T01	----	----	----	----
			Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142411-001	--------	--------	--------	--------
				Result	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued								
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	----	----	----	----
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	----	----	----	----
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	----	----	----	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	----	----	----	----
EP231P: PFAS Sums								
Sum of PFAS	----	0.0002	mg/kg	<0.0002	----	----	----	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg	<0.0002	----	----	----	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg	<0.0002	----	----	----	----
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE	21655-73-2	0.05	%	**97.2**	----	----	----	----
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.05	%	**99.8**	----	----	----	----
EP074S: VOC Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.5	%	**95.8**	----	----	----	----
Toluene-D8	2037-26-5	0.5	%	**114**	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.5	%	**100**	----	----	----	----
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.5	%	**89.3**	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	**90.0**	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	**85.9**	----	----	----	----
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.5	%	**86.6**	----	----	----	----
Anthracene-d10	1719-06-8	0.5	%	**90.4**	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%	**90.9**	----	----	----	----
EP075S: Acid Extractable Surrogates								
2-Fluorophenol	367-12-4	0.5	%	**109**	----	----	----	----
Phenol-d6	13127-88-3	0.5	%	**89.3**	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	**101**	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	**59.4**	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211115_T01	----	----	----	----
				Sampling date / time	15-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142411-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075T: Base/Neutral Extractable Surrogates									
Nitrobenzene-D5	4165-60-0	0.5	%		**97.6**	----	----	----	----
1.2-Dichlorobenzene-D4	2199-69-1	0.5	%		**94.0**	----	----	----	----
2-Fluorobiphenyl	321-60-8	0.5	%		**126**	----	----	----	----
Anthracene-d10	1719-06-8	0.5	%		**108**	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%		**115**	----	----	----	----
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.2	%		**107**	----	----	----	----
Toluene-D8	2037-26-5	0.2	%		**116**	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.2	%		**108**	----	----	----	----
EP231S: PFAS Surrogate									
13C4-PFOS	----	0.0002	%		**89.0**	----	----	----	----
13C8-PFOA	----	0.0002	%		**93.0**	----	----	----	----

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Surrogate Control Limits

Sub-Matrix: **SOIL**

Compound	CAS Number	Recovery Limits (%) Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP074S: VOC Surrogates			
1.2-Dichloroethane-D4	17060-07-0	64	130
Toluene-D8	2037-26-5	66	136
4-Bromofluorobenzene	460-00-4	60	122
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	29	149
Phenol-d6	13127-88-3	32	128
2-Chlorophenol-D4	93951-73-6	32	128
2.4.6-Tribromophenol	118-79-6	13	121
EP075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-D5	4165-60-0	33	125
1.2-Dichlorobenzene-D4	2199-69-1	34	108
2-Fluorobiphenyl	321-60-8	35	121
Anthracene-d10	1719-06-8	35	123
4-Terphenyl-d14	1718-51-0	33	125
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	73	133
Toluene-D8	2037-26-5	74	132
4-Bromofluorobenzene	460-00-4	72	130
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

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ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **ES2142411**	Page	: 1 of 24
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 23-Nov-2021
Order number	: ----	Date Analysis Commenced	: 25-Nov-2021
C-O-C number	: ----	Issue Date	: 30-Nov-2021
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 1		
No. of samples analysed	: 1		

Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Wisam Marassa	Inorganics Coordinator	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 4040317)									
ES2142410-001	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	10	7	35.3	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	553	548	0.8	0% - 20%
		EG005T: Nickel	7440-02-0	2	mg/kg	13	10	25.6	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	21	15	31.2	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	20	17	16.0	No Limit
ES2141553-001	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	42	44	4.3	0% - 20%
		EG005T: Nickel	7440-02-0	2	mg/kg	15	15	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	20	23	13.5	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	297	293	1.4	0% - 20%
		EG005T: Lead	7439-92-1	5	mg/kg	59	62	4.9	0% - 50%
		EG005T: Zinc	7440-66-6	5	mg/kg	289	290	0.4	0% - 20%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4040324)									
ES2142313-002	Anonymous	EA055: Moisture Content	----	0.1	%	3.5	2.8	21.5	No Limit
ES2142411-001	20211115_T01	EA055: Moisture Content	----	0.1	%	29.6	29.9	0.9	0% - 20%
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 4040318)									
ES2142410-001	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
ES2141553-001	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	0.1	0.1	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4036406)									
ES2142411-001	20211115_T01	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4036406) - continued									
ES2142411-001	20211115_T01	EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 4036406)									
ES2142411-001	20211115_T01	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4035770)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4035770) - continued									
ES2141511-004	Anonymous	EP074: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP074: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 4035770)									
ES2141511-004	Anonymous	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 4035770)									
ES2141511-004	Anonymous	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074D: Fumigants (QC Lot: 4035770)									
ES2141511-004	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4035770)									
ES2141511-004	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4035770) - continued									
ES2141511-004	Anonymous	EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 4035770)									
ES2141511-004	Anonymous	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 4035770)									
ES2141511-004	Anonymous	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4036404)									
ES2142411-001	20211115_T01	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4036404) - continued									
ES2142411-001	20211115_T01	EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075A: Phenolic Compounds (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	<1	0.0	No Limit
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4036405) - continued									
ES2142411-001	20211115_T01	EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	<1	0.0	No Limit
EP075C: Phthalate Esters (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075D: Nitrosamines (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075E: Nitroaromatics and Ketones (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Azobenzene	103-33-3	1	mg/kg	<1	<1	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075F: Haloethers (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075G: Chlorinated Hydrocarbons (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	<2.5	0.0	No Limit
EP075H: Anilines and Benzidines (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075I: Organochlorine Pesticides (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<1.0	<1.0	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075J: Organophosphorus Pesticides (QC Lot: 4036405)									
ES2142411-001	20211115_T01	EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4035769)									
ES2141729-003	Anonymous	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
ES2141511-004	Anonymous	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4036403)									
ES2142411-001	20211115_T01	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4035769)									
ES2141729-003	Anonymous	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
ES2141511-004	Anonymous	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4036403)									
ES2142411-001	20211115_T01	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080: BTEXN (QC Lot: 4035769)									
ES2141729-003	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
ES2141511-004	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP080: BTEXN (QC Lot: 4035769) - continued									
ES2141511-004	Anonymous	EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4035506)									
EB2132248-019	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	0.0010	0.0009	11.9	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0033	0.0031	4.1	0% - 50%
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
ES2142313-001	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	0.0005	0.0006	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0157	0.0179	12.7	0% - 20%
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 4035506)									
EB2132248-019	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
ES2142313-001	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	0.0002	0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4035506)									
EB2132248-019	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4035506) - continued									
EB2132248-019	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2142313-001	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4035506)									
EB2132248-019	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2142313-001	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4035506) - continued									
ES2142313-001	Anonymous	EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit

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Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4040317)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	121.1 mg/kg	95.4	88.0	113
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	0.74 mg/kg	79.6	70.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	19.6 mg/kg	112	68.0	132
EG005T: Copper	7440-50-8	5	mg/kg	<5	52.9 mg/kg	110	89.0	111
EG005T: Lead	7439-92-1	5	mg/kg	<5	60.8 mg/kg	96.8	82.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.3 mg/kg	99.2	80.0	120
EG005T: Zinc	7440-66-6	5	mg/kg	<5	139.3 mg/kg	90.2	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4040318)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.087 mg/kg	91.4	70.0	125
EP068A: Organochlorine Pesticides (OC) (QCLot: 4036406)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	104	69.0	113
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	102	65.0	117
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	103	67.0	119
EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	104	68.0	116
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	98.6	65.0	117
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	104	67.0	115
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	105	69.0	115
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	105	62.0	118
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	105	63.0	117
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	105	66.0	116
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	105	64.0	116
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	102	66.0	116
EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	67.0	115
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	103	67.0	123
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	103	69.0	115
EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	105	69.0	121
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	92.2	56.0	120
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	97.5	62.0	124
EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	98.4	66.0	120
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	99.8	64.0	122
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	96.1	54.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4036406)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	91.9	59.0	119
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	95.9	62.0	128

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4036406) - continued								
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	81.5	54.0	126
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	87.1	67.0	119
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	97.7	70.0	120
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	107	72.0	120
EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	104	68.0	120
EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	100	68.0	122
EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	69.0	117
EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	0.5 mg/kg	101	76.0	118
EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	104	64.0	122
EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	101	70.0	116
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	102	69.0	121
EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	0.5 mg/kg	97.4	66.0	118
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.5 mg/kg	101	68.0	124
EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	103	62.0	112
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	98.1	68.0	120
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	0.5 mg/kg	93.0	65.0	127
EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	88.2	41.0	123
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 4035770)								
EP074: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	96.8	71.0	121
EP074: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	95.8	65.0	131
EP074: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	97.3	72.0	114
EP074: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	96.1	70.0	116
EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	1 mg/kg	94.3	67.0	113
EP074: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	98.1	75.0	115
EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	1 mg/kg	97.3	65.0	117
EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	1 mg/kg	94.9	66.0	122
EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	1 mg/kg	95.4	68.0	118
EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	1 mg/kg	95.0	69.0	119
EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	1 mg/kg	91.9	69.0	117
EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	1 mg/kg	95.5	69.0	115
EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	1 mg/kg	92.4	66.0	118
EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	1 mg/kg	89.9	59.0	125
EP074B: Oxygenated Compounds (QCLot: 4035770)								
EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	10 mg/kg	77.6	29.6	156
EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	10 mg/kg	59.5	58.0	136
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	10 mg/kg	91.4	62.0	132
EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	10 mg/kg	54.0	54.0	136

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074C: Sulfonated Compounds (QCLot: 4035770)								
EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	1 mg/kg	96.4	54.0	126
EP074D: Fumigants (QCLot: 4035770)								
EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	1 mg/kg	96.7	60.0	126
EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	1 mg/kg	99.4	68.0	124
EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	1 mg/kg	94.0	51.0	119
EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	1 mg/kg	94.4	52.0	114
EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	1 mg/kg	95.8	63.0	115
EP074E: Halogenated Aliphatic Compounds (QCLot: 4035770)								
EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	10 mg/kg	98.7	30.0	148
EP074: Chloromethane	74-87-3	5	mg/kg	<5	10 mg/kg	111	41.0	141
EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	10 mg/kg	110	43.0	147
EP074: Bromomethane	74-83-9	5	mg/kg	<5	10 mg/kg	135	47.0	141
EP074: Chloroethane	75-00-3	5	mg/kg	<5	10 mg/kg	108	49.0	143
EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	10 mg/kg	104	49.0	135
EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	1 mg/kg	101	54.0	126
EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	1 mg/kg	103	43.0	129
EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	1 mg/kg	98.8	64.0	120
EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	1 mg/kg	105	67.0	125
EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	1 mg/kg	99.7	69.0	121
EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	1 mg/kg	98.4	65.0	117
EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	1 mg/kg	93.3	65.0	123
EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	1 mg/kg	94.7	59.0	125
EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	1 mg/kg	106	65.0	125
EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	1 mg/kg	95.3	70.0	118
EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	1 mg/kg	104	68.0	118
EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	1 mg/kg	98.6	64.0	126
EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	1 mg/kg	98.5	68.0	122
EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	1 mg/kg	83.1	67.0	143
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	1 mg/kg	88.7	62.0	122
EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	1 mg/kg	89.8	54.0	128
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	1 mg/kg	90.6	55.0	129
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	1 mg/kg	101	65.0	121
EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	1 mg/kg	102	61.0	125
EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	1 mg/kg	103	19.8	134
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	1 mg/kg	84.1	53.0	129
EP074F: Halogenated Aromatic Compounds (QCLot: 4035770)								
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	1 mg/kg	97.2	68.0	116
EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	1 mg/kg	96.8	70.0	114

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074F: Halogenated Aromatic Compounds (QCLot: 4035770) - continued								
EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	1 mg/kg	97.0	68.0	122
EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	1 mg/kg	94.5	67.0	123
EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	1 mg/kg	92.6	52.0	122
EP074G: Trihalomethanes (QCLot: 4035770)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	1 mg/kg	104	66.0	124
EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	1 mg/kg	94.0	61.0	121
EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	1 mg/kg	80.8	63.0	121
EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	1 mg/kg	79.5	60.0	126
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4036404)								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	6 mg/kg	98.5	77.0	125
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	6 mg/kg	88.0	72.0	124
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	6 mg/kg	97.2	73.0	127
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	6 mg/kg	99.8	72.0	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	6 mg/kg	96.5	75.0	127
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	6 mg/kg	90.4	77.0	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	6 mg/kg	89.0	73.0	127
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	6 mg/kg	99.6	74.0	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	6 mg/kg	95.8	69.0	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	6 mg/kg	98.4	75.0	127
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	6 mg/kg	95.7	68.0	116
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	6 mg/kg	102	74.0	126
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	6 mg/kg	94.5	70.0	126
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	6 mg/kg	92.2	61.0	121
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	6 mg/kg	91.4	62.0	118
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	6 mg/kg	80.5	63.0	121
EP075A: Phenolic Compounds (QCLot: 4036405)								
EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	1.5 mg/kg	74.4	64.0	114
EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	1.5 mg/kg	77.1	57.0	115
EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	1.5 mg/kg	75.8	55.0	117
EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	1.5 mg/kg	69.4	46.0	122
EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	49.5	47.0	117
EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	1.5 mg/kg	63.8	13.7	108
EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	1.5 mg/kg	57.1	47.0	105
EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	1.5 mg/kg	72.0	48.0	110
EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	1.5 mg/kg	96.8	57.0	113
EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	1.5 mg/kg	71.3	49.0	109
EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	1.5 mg/kg	70.9	49.0	107

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075A: Phenolic Compounds (QCLot: 4036405) - continued								
EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	3 mg/kg	13.1	12.0	76.0
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4036405)								
EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	1.5 mg/kg	84.8	62.0	118
EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	1.5 mg/kg	83.2	58.0	116
EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	1.5 mg/kg	87.7	54.0	112
EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	1.5 mg/kg	104	56.0	114
EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	1.5 mg/kg	72.0	62.0	112
EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	75.2	59.0	115
EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	1.5 mg/kg	78.8	63.0	113
EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	1.5 mg/kg	107	57.0	111
EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	1.5 mg/kg	85.0	58.0	114
EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	1.5 mg/kg	83.9	57.0	117
EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	1.5 mg/kg	71.0	58.0	114
EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	68.6	59.0	115
EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	1.5 mg/kg	72.1	61.0	117
EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	3 mg/kg	76.8	57.0	119
EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	1.5 mg/kg	95.8	48.1	106
EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	1.5 mg/kg	76.0	56.0	116
EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	1.5 mg/kg	70.8	50.0	116
EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	1.5 mg/kg	70.4	55.0	117
EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	1.5 mg/kg	69.1	53.0	119
EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	1.5 mg/kg	69.8	56.0	120
EP075C: Phthalate Esters (QCLot: 4036405)								
EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	1.5 mg/kg	95.7	60.0	118
EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	1.5 mg/kg	81.6	65.0	115
EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	1.5 mg/kg	89.9	65.0	121
EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	1.5 mg/kg	69.7	62.0	116
EP075: bis(2-ethylhexyl) phthalate	117-81-7	----	mg/kg	----	1.5 mg/kg	77.3	69.0	133
EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	1.5 mg/kg	75.9	62.0	124
EP075D: Nitrosamines (QCLot: 4036405)								
EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	1.5 mg/kg	67.7	39.4	124
EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	1.5 mg/kg	62.4	59.0	117
EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<0.5	1.5 mg/kg	73.5	53.0	125
EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	1.5 mg/kg	69.1	65.0	121
EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	1.5 mg/kg	67.1	59.0	123
EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	1.5 mg/kg	67.6	57.0	115
EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	1.5 mg/kg	110	57.0	119

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075D: Nitrosamines (QCLot: 4036405) - continued								
EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<0.6	3 mg/kg	75.7	42.0	112
EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	1.5 mg/kg	34.1	16.3	123
EP075E: Nitroaromatics and Ketones (QCLot: 4036405)								
EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	1.5 mg/kg	56.5	27.3	129
EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	1.5 mg/kg	68.9	60.0	116
EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	1.5 mg/kg	65.4	65.0	119
EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	1.5 mg/kg	65.9	62.0	116
EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<0.5	1.5 mg/kg	107	58.0	118
EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<0.5	1.5 mg/kg	70.3	59.0	115
EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	1.5 mg/kg	47.7	18.0	112
EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	1.5 mg/kg	52.4	10.0	87.0
EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	1.5 mg/kg	67.0	48.3	98.5
EP075: Azobenzene	103-33-3	1	mg/kg	<1	1.5 mg/kg	75.7	62.0	118
EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	1.5 mg/kg	89.9	36.0	114
EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	1.5 mg/kg	76.1	62.0	114
EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	1.5 mg/kg	50.1	36.1	102
EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	1.5 mg/kg	67.6	56.0	110
EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	1.5 mg/kg	77.0	54.0	110
EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	1.5 mg/kg	86.8	48.0	108
EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	1.5 mg/kg	81.5	57.4	112
EP075F: Haloethers (QCLot: 4036405)								
EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	1.5 mg/kg	92.2	63.0	121
EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	1.5 mg/kg	59.9	59.0	115
EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	1.5 mg/kg	77.2	58.0	112
EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	70.3	58.0	110
EP075G: Chlorinated Hydrocarbons (QCLot: 4036405)								
EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	1.5 mg/kg	76.7	58.0	112
EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	1.5 mg/kg	77.5	58.0	116
EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	1.5 mg/kg	78.7	57.0	115
EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	1.5 mg/kg	61.1	54.0	116
EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	1.5 mg/kg	69.8	62.9	108
EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	1.5 mg/kg	71.1	39.1	110
EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	1.5 mg/kg	79.4	59.0	117
EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	1.5 mg/kg	49.2	24.3	108
EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	1.5 mg/kg	71.3	57.0	109
EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<0.5	1.5 mg/kg	68.0	59.0	111
EP075H: Anilines and Benzidines (QCLot: 4036405)								

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075H: Anilines and Benzidines (QCLot: 4036405) - continued								
EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	1.5 mg/kg	78.6	13.2	108
EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	1.5 mg/kg	44.2	20.5	99.0
EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<0.5	1.5 mg/kg	94.7	52.0	112
EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<0.5	1.5 mg/kg	67.7	31.5	93.7
EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	1.5 mg/kg	74.9	60.0	110
EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	1.5 mg/kg	68.4	42.0	112
EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	1.5 mg/kg	95.4	59.0	111
EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	1.5 mg/kg	52.7	23.1	113
EP075I: Organochlorine Pesticides (QCLot: 4036405)								
EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	1.5 mg/kg	70.5	63.0	113
EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	1.5 mg/kg	60.0	57.0	113
EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	1.5 mg/kg	69.7	61.0	117
EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	1.5 mg/kg	96.3	64.0	118
EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	1.5 mg/kg	87.1	55.0	115
EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	1.5 mg/kg	67.5	61.0	115
EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	1.5 mg/kg	68.7	56.0	118
EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	1.5 mg/kg	86.0	65.0	125
EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	1.5 mg/kg	87.6	60.0	116
EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	1.5 mg/kg	82.3	64.0	118
EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	1.5 mg/kg	80.9	53.0	117
EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	1.5 mg/kg	72.2	65.0	115
EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	1.5 mg/kg	70.0	62.0	118
EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	1.5 mg/kg	83.0	63.0	129
EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<0.5	1.5 mg/kg	70.5	46.0	122
EP075J: Organophosphorus Pesticides (QCLot: 4036405)								
EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	91.8	46.0	112
EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	1.5 mg/kg	66.3	63.0	119
EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	1.5 mg/kg	77.2	68.0	134
EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	1.5 mg/kg	85.8	60.0	130
EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	91.5	65.0	127
EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	1.5 mg/kg	88.0	60.0	116
EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	1.5 mg/kg	87.0	63.0	113
EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	1.5 mg/kg	85.5	65.0	115
EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	1.5 mg/kg	70.9	59.0	103
EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	1.5 mg/kg	90.7	59.0	119
EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	1.5 mg/kg	84.9	62.0	118
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4035769)								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	26 mg/kg	86.4	68.4	128

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4036403)								
EP071: C10 - C14 Fraction	----	50	mg/kg	<50	300 mg/kg	97.3	75.0	129
EP071: C15 - C28 Fraction	----	100	mg/kg	<100	450 mg/kg	97.6	77.0	131
EP071: C29 - C36 Fraction	----	100	mg/kg	<100	300 mg/kg	96.8	71.0	129
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4035769)								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	31 mg/kg	86.0	68.4	128
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4036403)								
EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	375 mg/kg	99.3	77.0	125
EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	525 mg/kg	96.3	74.0	138
EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	225 mg/kg	97.4	63.0	131
EP080: BTEXN (QCLot: 4035769)								
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	92.5	62.0	116
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	90.0	67.0	121
EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	88.8	65.0	117
EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	86.0	66.0	118
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	87.4	68.0	120
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	70.8	63.0	119
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4035506)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	93.2	72.0	128
EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	90.4	73.0	123
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	91.6	67.0	130
EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	94.4	70.0	132
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	88.0	68.0	136
EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	101	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4035506)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	78.7	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	86.4	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	114	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	95.2	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	94.8	69.0	133
EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	90.8	72.0	129
EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	0.00125 mg/kg	101	69.0	133
EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	91.6	64.0	136
EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	95.2	69.0	135
EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	92.8	66.0	139
EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	88.5	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4035506)								
EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	94.0	67.0	137

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4035506) - continued								
EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	0.00312 mg/kg	86.8	71.6	129
EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	84.8	69.8	131
EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	82.5	68.7	130
EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	82.5	65.1	134
EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	86.8	63.0	144
EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	93.2	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4035506)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	104	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	90.4	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	90.4	65.0	137
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	104	69.2	143

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%): MS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4040317)							
ES2141553-001	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	97.2	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	89.3	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	125	68.0	132
		EG005T: Copper	7440-50-8	250 mg/kg	95.9	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	90.5	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	99.8	70.0	130
		EG005T: Zinc	7440-66-6	250 mg/kg	85.1	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4040318)							
ES2141553-001	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	111	70.0	130
EP068A: Organochlorine Pesticides (OC) (QCLot: 4036406)							
ES2142411-001	20211115_T01	EP068: gamma-BHC	58-89-9	0.5 mg/kg	92.1	70.0	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	84.4	70.0	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	92.3	70.0	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	96.8	70.0	130

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP068A: Organochlorine Pesticides (OC) (QCLot: 4036406) - continued							
ES2142411-001	20211115_T01	EP068: Endrin	72-20-8	2 mg/kg	77.9	70.0	130
		EP068: 4.4`-DDT	50-29-3	2 mg/kg	86.9	70.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4036406)							
ES2142411-001	20211115_T01	EP068: Diazinon	333-41-5	0.5 mg/kg	99.5	70.0	130
		EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	87.2	70.0	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	89.6	70.0	130
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	88.8	70.0	130
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	82.4	70.0	130
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 4035770)							
ES2141511-004	Anonymous	EP074: Benzene	71-43-2	2.5 mg/kg	89.5	70.0	130
		EP074: Toluene	108-88-3	2.5 mg/kg	90.6	70.0	130
EP074E: Halogenated Aliphatic Compounds (QCLot: 4035770)							
ES2141511-004	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	2.5 mg/kg	74.1	70.0	130
		EP074: Trichloroethene	79-01-6	2.5 mg/kg	84.1	70.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 4035770)							
ES2141511-004	Anonymous	EP074: Chlorobenzene	108-90-7	2.5 mg/kg	94.4	70.0	130
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4036404)							
ES2142411-001	20211115_T01	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	88.3	70.0	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	90.6	70.0	130
EP075A: Phenolic Compounds (QCLot: 4036405)							
ES2142411-001	20211115_T01	EP075: Phenol	108-95-2	10 mg/kg	92.4	60.0	130
		EP075: 2-Chlorophenol	95-57-8	10 mg/kg	100	60.0	130
		EP075: 2-Nitrophenol	88-75-5	10 mg/kg	101	50.0	130
		EP075: 4-Chloro-3-methylphenol	59-50-7	10 mg/kg	81.2	50.0	130
		EP075: Pentachlorophenol	87-86-5	10 mg/kg	61.4	10.0	130
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4036405)							
ES2142411-001	20211115_T01	EP075: Acenaphthene	83-32-9	10 mg/kg	88.8	50.0	130
		EP075: Pyrene	129-00-0	10 mg/kg	93.0	50.0	130
EP075D: Nitrosamines (QCLot: 4036405)							
ES2142411-001	20211115_T01	EP075: N-Nitrosodi-n-propylamine	621-64-7	10 mg/kg	110	50.0	130
EP075E: Nitroaromatics and Ketones (QCLot: 4036405)							
ES2142411-001	20211115_T01	EP075: 2.4-Dinitrotoluene	121-14-2	10 mg/kg	84.6	40.0	130
EP075G: Chlorinated Hydrocarbons (QCLot: 4036405)							
ES2142411-001	20211115_T01	EP075: 1.4-Dichlorobenzene	106-46-7	10 mg/kg	87.4	60.0	130
		EP075: 1.2.4-Trichlorobenzene	120-82-1	10 mg/kg	89.1	50.0	130

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4035769)							
ES2141511-004	Anonymous	EP080: C6 - C9 Fraction	----	32.5 mg/kg	84.0	70.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4036403)							
ES2142411-001	20211115_T01	EP071: C10 - C14 Fraction	----	480 mg/kg	93.2	73.0	137
		EP071: C15 - C28 Fraction	----	3100 mg/kg	96.5	53.0	131
		EP071: C29 - C36 Fraction	----	2060 mg/kg	97.4	52.0	132
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4035769)							
ES2141511-004	Anonymous	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	79.3	70.0	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4036403)							
ES2142411-001	20211115_T01	EP071: >C10 - C16 Fraction	----	860 mg/kg	90.9	73.0	137
		EP071: >C16 - C34 Fraction	----	4320 mg/kg	96.4	53.0	131
		EP071: >C34 - C40 Fraction	----	890 mg/kg	99.4	52.0	132
EP080: BTEXN (QCLot: 4035769)							
ES2141511-004	Anonymous	EP080: Benzene	71-43-2	2.5 mg/kg	84.1	70.0	130
		EP080: Toluene	108-88-3	2.5 mg/kg	81.7	70.0	130
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	83.8	70.0	130
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	80.6	70.0	130
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	84.4	70.0	130
		EP080: Naphthalene	91-20-3	2.5 mg/kg	83.4	70.0	130
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4035506)							
EB2132248-019	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	86.8	72.0	128
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.00125 mg/kg	84.4	73.0	123
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	89.6	67.0	130
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.00125 mg/kg	86.4	70.0	132
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	79.6	68.0	136
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.00125 mg/kg	92.0	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4035506)							
EB2132248-019	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	77.5	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	82.4	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	111	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	90.4	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	92.0	69.0	133
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.00125 mg/kg	82.4	72.0	129
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.00125 mg/kg	78.8	69.0	133
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.00125 mg/kg	86.4	64.0	136
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.00125 mg/kg	90.8	69.0	135
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.00125 mg/kg	82.8	66.0	139

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*Concentration*	*MS*	*Low*	*High*
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4035506) - continued							
EB2132248-019	Anonymous	EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.00312 mg/kg	82.2	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4035506)							
EB2132248-019	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.00125 mg/kg	89.2	67.0	137
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.00312 mg/kg	95.4	71.6	129
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.00312 mg/kg	80.0	69.8	131
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.00312 mg/kg	80.8	68.7	130
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.00312 mg/kg	76.3	65.1	134
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.00125 mg/kg	82.8	63.0	144
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.00125 mg/kg	95.2	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4035506)							
EB2132248-019	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	91.2	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	84.4	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	88.4	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	109	69.2	143

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ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2142411**	Page	: 1 of 9
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 23-Nov-2021
Site	: ----	Issue Date	: 30-Nov-2021
Sampler	: JACK EMBLEN	No. of samples received	: 1
Order number	: ----	No. of samples analysed	: 1

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Duplicate outliers occur.**
- **NO Laboratory Control outliers occur.**
- **NO Matrix Spike outliers occur.**
- **Surrogate recovery outliers exist for all regular sample matrices - please see following pages for full details.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

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Regular Sample Surrogates

Sub-Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Samples Submitted							
EP075T: Base/Neutral Extractable Surrogates	ES2142411-001	20211115_T01	**2-Fluorobiphenyl**	321-60-8	126 %	35.0-121 %	**Recovery greater than upper data quality objective**

Outliers : Analysis Holding Time Compliance

Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EP074A: Monocyclic Aromatic Hydrocarbons						
Soil Glass Jar - Unpreserved						
20211115_T01	25-Nov-2021	22-Nov-2021	**3**	27-Nov-2021	22-Nov-2021	**5**
EP074B: Oxygenated Compounds						
Soil Glass Jar - Unpreserved						
20211115_T01	25-Nov-2021	22-Nov-2021	**3**	27-Nov-2021	22-Nov-2021	**5**
EP074C: Sulfonated Compounds						
Soil Glass Jar - Unpreserved						
20211115_T01	25-Nov-2021	22-Nov-2021	**3**	27-Nov-2021	22-Nov-2021	**5**
EP074D: Fumigants						
Soil Glass Jar - Unpreserved						
20211115_T01	25-Nov-2021	22-Nov-2021	**3**	27-Nov-2021	22-Nov-2021	**5**
EP074E: Halogenated Aliphatic Compounds						
Soil Glass Jar - Unpreserved						
20211115_T01	25-Nov-2021	22-Nov-2021	**3**	27-Nov-2021	22-Nov-2021	**5**
EP074F: Halogenated Aromatic Compounds						
Soil Glass Jar - Unpreserved						
20211115_T01	25-Nov-2021	22-Nov-2021	**3**	27-Nov-2021	22-Nov-2021	**5**
EP074G: Trihalomethanes						
Soil Glass Jar - Unpreserved						
20211115_T01	25-Nov-2021	22-Nov-2021	**3**	27-Nov-2021	22-Nov-2021	**5**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL** Evaluation: × = Holding time breach ; ✓ = Within holding time.

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
Soil Glass Jar - Unpreserved (EA055) 20211115_T01	15-Nov-2021	----	----	----	26-Nov-2021	29-Nov-2021	✓
EG005(ED093)T: Total Metals by ICP-AES							
Soil Glass Jar - Unpreserved (EG005T) 20211115_T01	15-Nov-2021	26-Nov-2021	14-May-2022	✓	29-Nov-2021	14-May-2022	✓
EG035T: Total Recoverable Mercury by FIMS							
Soil Glass Jar - Unpreserved (EG035T) 20211115_T01	15-Nov-2021	26-Nov-2021	13-Dec-2021	✓	29-Nov-2021	13-Dec-2021	✓
EP068A: Organochlorine Pesticides (OC)							
Soil Glass Jar - Unpreserved (EP068) 20211115_T01	15-Nov-2021	26-Nov-2021	29-Nov-2021	✓	28-Nov-2021	05-Jan-2022	✓
EP068B: Organophosphorus Pesticides (OP)							
Soil Glass Jar - Unpreserved (EP068) 20211115_T01	15-Nov-2021	26-Nov-2021	29-Nov-2021	✓	28-Nov-2021	05-Jan-2022	✓
EP074A: Monocyclic Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP074) 20211115_T01	15-Nov-2021	25-Nov-2021	22-Nov-2021	×	27-Nov-2021	22-Nov-2021	×
EP074B: Oxygenated Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211115_T01	15-Nov-2021	25-Nov-2021	22-Nov-2021	×	27-Nov-2021	22-Nov-2021	×
EP074C: Sulfonated Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211115_T01	15-Nov-2021	25-Nov-2021	22-Nov-2021	×	27-Nov-2021	22-Nov-2021	×
EP074D: Fumigants							
Soil Glass Jar - Unpreserved (EP074) 20211115_T01	15-Nov-2021	25-Nov-2021	22-Nov-2021	×	27-Nov-2021	22-Nov-2021	×
EP074E: Halogenated Aliphatic Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211115_T01	15-Nov-2021	25-Nov-2021	22-Nov-2021	×	27-Nov-2021	22-Nov-2021	×
EP074F: Halogenated Aromatic Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211115_T01	15-Nov-2021	25-Nov-2021	22-Nov-2021	×	27-Nov-2021	22-Nov-2021	×
EP074G: Trihalomethanes							
Soil Glass Jar - Unpreserved (EP074) 20211115_T01	15-Nov-2021	25-Nov-2021	22-Nov-2021	×	27-Nov-2021	22-Nov-2021	×
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075(SIM)) 20211115_T01	15-Nov-2021	26-Nov-2021	29-Nov-2021	✓	27-Nov-2021	05-Jan-2022	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075A: Phenolic Compounds							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075C: Phthalate Esters							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075D: Nitrosamines							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075E: Nitroaromatics and Ketones							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075F: Haloethers							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075G: Chlorinated Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075H: Anilines and Benzidines							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075I: Organochlorine Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075J: Organophosphorus Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP080/071: Total Petroleum Hydrocarbons							
Soil Glass Jar - Unpreserved (EP080)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	29-Nov-2021	✓
Soil Glass Jar - Unpreserved (EP071)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Soil Glass Jar - Unpreserved (EP080)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	29-Nov-2021	✓
Soil Glass Jar - Unpreserved (EP071)							
20211115_T01	**15-Nov-2021**	**26-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP080: BTEXN							
Soil Glass Jar - Unpreserved (EP080)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	29-Nov-2021	✓	**27-Nov-2021**	29-Nov-2021	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	14-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	14-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231C: Perfluoroalkyl Sulfonamides							
HDPE Soil Jar (EP231X)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	14-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	14-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X)							
20211115_T01	**15-Nov-2021**	**25-Nov-2021**	14-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓

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Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
Moisture Content	EA055	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	**12.50**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	**12.50**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	**12.50**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Matrix Spikes (MS) - Continued							
Total Metals by ICP-AES	EG005T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	**12.50**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to AS 3550, APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
Volatile Organic Compounds	EP074	SOIL	In house: Referenced to USEPA SW 846 - 8260 Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
Semivolatile Organic Compounds	EP075	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by LC-Electrospray-MS-MS, Negative Mode using MRM using internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to a portion of soil which is then extracted with MTBE and an ion pairing reagent. A portion of extract is exchanged into the analytical solvent mixture, combined with an equal volume reagent water and filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.

Preparation Methods	Method	Matrix	Method Descriptions

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Preparation Methods	Method	Matrix	Method Descriptions
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld,F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
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08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (ESdat, EQuIS etc)	
Contact Name	Jack Emblen				
Phone №	0402 979 340				
Special Directions					
Purchase Order					
Quote ID №					

Sampler(s)	Jack Emblen
Handed over by	Jack Emblen
Email for Invoice	Nicholas Grbich
Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses (Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to select SUITE analytes)

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	Containers: 500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
1	20211115_D03	15.11.21	S				X									*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
2	TS/TB	↓	↓			X										**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP
3	20211115_R01		W		X											
4	20211115_T01		S		X											Please send to ALS
5	20211115_T02		↓		X											↓
6	20211115_T03						X									
7																
8																
9																
10																
	Total Counts															

Environmental Division
Sydney
Work Order Reference
ES2142411

Telephone : +61-2-8784 8555

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply
☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only								
Received By	Rohinip	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 16/11/21	Time 1106	Temperature	
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 23/11/21	Time pm	Report №	#842812

1800 182

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

3009_R10 Modified by: Dr. R Symons Approved by: G. Jackson Approved on: 6 August 2015

ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **ES2142413**	Page	: 1 of 15
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 23-Nov-2021 15:00
Order number	: ----	Date Analysis Commenced	: 25-Nov-2021
C-O-C number	: ----	Issue Date	: 30-Nov-2021 15:28
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 1		
No. of samples analysed	: 1		

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Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Inorganics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Wisam Marassa	Inorganics Coordinator	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Sum of chlorinated hydrocarbons includes carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichlorothene, trans-1,2-dichlorothene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, hexachlorobutadiene and methylene chloride.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EP075: Where reported, 'Sum of PAH' is the sum of the USEPA 16 priority PAHs
- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS (Australian HEPA) and also conform to QSM 5.3 (US DoD) requirements.

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211116_T01	----	----	----	----
			Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142413-001	--------	--------	--------	--------
				Result	----	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	**15.6**	----	----	----	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	**6**	----	----	----	----
Cadmium	7440-43-9	1	mg/kg	<1	----	----	----	----
Chromium	7440-47-3	2	mg/kg	**17**	----	----	----	----
Copper	7440-50-8	5	mg/kg	**22**	----	----	----	----
Lead	7439-92-1	5	mg/kg	**14**	----	----	----	----
Nickel	7440-02-0	2	mg/kg	**8**	----	----	----	----
Zinc	7440-66-6	5	mg/kg	**22**	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	----	----	----	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	----	----	----	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	----	----	----	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	----	----	----	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	----	----	----	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	----	----	----	----
^ **Total Chlordane (sum)**	----	0.05	mg/kg	<0.05	----	----	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	----	----	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	----	----	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	----	----	----	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	----	----	----	----
Endrin	72-20-8	0.05	mg/kg	<0.05	----	----	----	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	----	----	----	----
^ **Endosulfan (sum)**	115-29-7	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	----	----	----	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	----	----	----	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	----	----	----	----
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP068A: Organochlorine Pesticides (OC) - Continued									
Methoxychlor	72-43-5	0.2	mg/kg		<0.2	----	----	----	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg		<0.05	----	----	----	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg		<0.05	----	----	----	----
EP068B: Organophosphorus Pesticides (OP)									
Dichlorvos	62-73-7	0.05	mg/kg		<0.05	----	----	----	----
Demeton-S-methyl	919-86-8	0.05	mg/kg		<0.05	----	----	----	----
Monocrotophos	6923-22-4	0.2	mg/kg		<0.2	----	----	----	----
Dimethoate	60-51-5	0.05	mg/kg		<0.05	----	----	----	----
Diazinon	333-41-5	0.05	mg/kg		<0.05	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg		<0.05	----	----	----	----
Parathion-methyl	298-00-0	0.2	mg/kg		<0.2	----	----	----	----
Malathion	121-75-5	0.05	mg/kg		<0.05	----	----	----	----
Fenthion	55-38-9	0.05	mg/kg		<0.05	----	----	----	----
Chlorpyrifos	2921-88-2	0.05	mg/kg		<0.05	----	----	----	----
Parathion	56-38-2	0.2	mg/kg		<0.2	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg		<0.05	----	----	----	----
Chlorfenvinphos	470-90-6	0.05	mg/kg		<0.05	----	----	----	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg		<0.05	----	----	----	----
Fenamiphos	22224-92-6	0.05	mg/kg		<0.05	----	----	----	----
Prothiofos	34643-46-4	0.05	mg/kg		<0.05	----	----	----	----
Ethion	563-12-2	0.05	mg/kg		<0.05	----	----	----	----
Carbophenothion	786-19-6	0.05	mg/kg		<0.05	----	----	----	----
Azinphos Methyl	86-50-0	0.05	mg/kg		<0.05	----	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons									
Benzene	71-43-2	0.2	mg/kg		<0.2	----	----	----	----
Toluene	108-88-3	0.5	mg/kg		<0.5	----	----	----	----
Ethylbenzene	100-41-4	0.5	mg/kg		<0.5	----	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg		<0.5	----	----	----	----
Styrene	100-42-5	0.5	mg/kg		<0.5	----	----	----	----
ortho-Xylene	95-47-6	0.5	mg/kg		<0.5	----	----	----	----
Isopropylbenzene	98-82-8	0.5	mg/kg		<0.5	----	----	----	----
n-Propylbenzene	103-65-1	0.5	mg/kg		<0.5	----	----	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg		<0.5	----	----	----	----
sec-Butylbenzene	135-98-8	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons - Continued									
1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg		<0.5	----	----	----	----
tert-Butylbenzene	98-06-6	0.5	mg/kg		<0.5	----	----	----	----
p-Isopropyltoluene	99-87-6	0.5	mg/kg		<0.5	----	----	----	----
n-Butylbenzene	104-51-8	0.5	mg/kg		<0.5	----	----	----	----
EP074B: Oxygenated Compounds									
Vinyl Acetate	108-05-4	5	mg/kg		<5	----	----	----	----
2-Butanone (MEK)	78-93-3	5	mg/kg		<5	----	----	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg		<5	----	----	----	----
2-Hexanone (MBK)	591-78-6	5	mg/kg		<5	----	----	----	----
EP074C: Sulfonated Compounds									
Carbon disulfide	75-15-0	0.5	mg/kg		<0.5	----	----	----	----
EP074D: Fumigants									
2.2-Dichloropropane	594-20-7	0.5	mg/kg		<0.5	----	----	----	----
1.2-Dichloropropane	78-87-5	0.5	mg/kg		<0.5	----	----	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg		<0.5	----	----	----	----
trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg		<0.5	----	----	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg		<0.5	----	----	----	----
EP074E: Halogenated Aliphatic Compounds									
Dichlorodifluoromethane	75-71-8	5	mg/kg		<5	----	----	----	----
Chloromethane	74-87-3	5	mg/kg		<5	----	----	----	----
Vinyl chloride	75-01-4	5	mg/kg		<5	----	----	----	----
Bromomethane	74-83-9	5	mg/kg		<5	----	----	----	----
Chloroethane	75-00-3	5	mg/kg		<5	----	----	----	----
Trichlorofluoromethane	75-69-4	5	mg/kg		<5	----	----	----	----
1.1-Dichloroethene	75-35-4	0.5	mg/kg		<0.5	----	----	----	----
Iodomethane	74-88-4	0.5	mg/kg		<0.5	----	----	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg		<0.5	----	----	----	----
1.1-Dichloroethane	75-34-3	0.5	mg/kg		<0.5	----	----	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg		<0.5	----	----	----	----
1.1.1-Trichloroethane	71-55-6	0.5	mg/kg		<0.5	----	----	----	----
1.1-Dichloropropylene	563-58-6	0.5	mg/kg		<0.5	----	----	----	----
Carbon Tetrachloride	56-23-5	0.5	mg/kg		<0.5	----	----	----	----
1.2-Dichloroethane	107-06-2	0.5	mg/kg		<0.5	----	----	----	----
Trichloroethene	79-01-6	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211116_T01	----	----	----	----
			Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142413-001	--------	--------	--------	--------
				Result	----	----	----	----
EP074E: Halogenated Aliphatic Compounds - Continued								
Dibromomethane	74-95-3	0.5	mg/kg	<0.5	----	----	----	----
1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	----	----	----	----
1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	----	----	----	----
Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	----	----	----	----
1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	----	----	----	----
trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	----	----	----	----
cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	----	----	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	----	----	----	----
Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	----	----	----	----
EP074F: Halogenated Aromatic Compounds								
Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	----	----	----	----
Bromobenzene	108-86-1	0.5	mg/kg	<0.5	----	----	----	----
2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	----	----	----	----
4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	----	----	----	----
EP074G: Trihalomethanes								
Chloroform	67-66-3	0.5	mg/kg	<0.5	----	----	----	----
Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	----	----	----	----
Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	----	----	----	----
Bromoform	75-25-2	0.5	mg/kg	<0.5	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued									
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg		<0.5	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg		<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg		<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg		<0.5	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg		<0.5	----	----	----	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg		<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg		<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg		**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg		**1.2**	----	----	----	----
EP075A: Phenolic Compounds									
Phenol	108-95-2	0.5	mg/kg		<0.5	----	----	----	----
2-Chlorophenol	95-57-8	0.5	mg/kg		<0.5	----	----	----	----
2-Methylphenol	95-48-7	0.5	mg/kg		<0.5	----	----	----	----
3- & 4-Methylphenol	1319-77-3	0.5	mg/kg		<0.5	----	----	----	----
2-Nitrophenol	88-75-5	0.5	mg/kg		<0.5	----	----	----	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg		<0.5	----	----	----	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg		<0.5	----	----	----	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg		<0.5	----	----	----	----
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg		<0.5	----	----	----	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg		<0.5	----	----	----	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg		<0.5	----	----	----	----
Pentachlorophenol	87-86-5	1	mg/kg		<1	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons									
Naphthalene	91-20-3	0.5	mg/kg		<0.5	----	----	----	----
2-Methylnaphthalene	91-57-6	0.5	mg/kg		<0.5	----	----	----	----
2-Chloronaphthalene	91-58-7	0.5	mg/kg		<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg		<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg		<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg		<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg		<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg		<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg		<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg		<0.5	----	----	----	----
N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211116_T01	----	----	----	----
			Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142413-001	--------	--------	--------	--------
				Result	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons - Continued								
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	----	----	----	----
7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	----	----	----
3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	----	----	----	----
^ Sum of PAHs	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	----	----	----	----
EP075C: Phthalate Esters								
Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	----	----	----	----
Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	----	----	----	----
Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	----	----	----	----
Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	----	----	----	----
bis(2-ethylhexyl) phthalate	117-81-7	5.0	mg/kg	<5.0	----	----	----	----
Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	----	----	----	----
EP075D: Nitrosamines								
N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosopyrrolidine	930-55-2	1.0	mg/kg	<1.0	----	----	----	----
N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	----	----	----	----
N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	1.0	mg/kg	<1.0	----	----	----	----
Methapyrilene	91-80-5	0.5	mg/kg	<0.5	----	----	----	----
EP075E: Nitroaromatics and Ketones								
2-Picoline	109-06-8	0.5	mg/kg	<0.5	----	----	----	----
Acetophenone	98-86-2	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075E: Nitroaromatics and Ketones - Continued									
Nitrobenzene	98-95-3	0.5	mg/kg		<0.5	----	----	----	----
Isophorone	78-59-1	0.5	mg/kg		<0.5	----	----	----	----
2.6-Dinitrotoluene	606-20-2	1.0	mg/kg		<1.0	----	----	----	----
2.4-Dinitrotoluene	121-14-2	1.0	mg/kg		<1.0	----	----	----	----
1-Naphthylamine	134-32-7	0.5	mg/kg		<0.5	----	----	----	----
4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg		<0.5	----	----	----	----
5-Nitro-o-toluidine	99-55-8	0.5	mg/kg		<0.5	----	----	----	----
Azobenzene	103-33-3	1	mg/kg		<1	----	----	----	----
1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg		<0.5	----	----	----	----
Phenacetin	62-44-2	0.5	mg/kg		<0.5	----	----	----	----
4-Aminobiphenyl	92-67-1	0.5	mg/kg		<0.5	----	----	----	----
Pentachloronitrobenzene	82-68-8	0.5	mg/kg		<0.5	----	----	----	----
Pronamide	23950-58-5	0.5	mg/kg		<0.5	----	----	----	----
Dimethylaminoazobenzene	60-11-7	0.5	mg/kg		<0.5	----	----	----	----
Chlorobenzilate	510-15-6	0.5	mg/kg		<0.5	----	----	----	----
EP075F: Haloethers									
Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg		<0.5	----	----	----	----
Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg		<0.5	----	----	----	----
4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg		<0.5	----	----	----	----
4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg		<0.5	----	----	----	----
EP075G: Chlorinated Hydrocarbons									
1.3-Dichlorobenzene	541-73-1	0.5	mg/kg		<0.5	----	----	----	----
1.4-Dichlorobenzene	106-46-7	0.5	mg/kg		<0.5	----	----	----	----
1.2-Dichlorobenzene	95-50-1	0.5	mg/kg		<0.5	----	----	----	----
Hexachloroethane	67-72-1	0.5	mg/kg		<0.5	----	----	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg		<0.5	----	----	----	----
Hexachloropropylene	1888-71-7	0.5	mg/kg		<0.5	----	----	----	----
Hexachlorobutadiene	87-68-3	0.5	mg/kg		<0.5	----	----	----	----
Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg		<2.5	----	----	----	----
Pentachlorobenzene	608-93-5	0.5	mg/kg		<0.5	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	1.0	mg/kg		<1.0	----	----	----	----
EP075H: Anilines and Benzidines									
Aniline	62-53-3	0.5	mg/kg		<0.5	----	----	----	----
4-Chloroaniline	106-47-8	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211116_T01	----	----	----	----
			Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2142413-001	--------	--------	--------	--------
				Result	----	----	----	----
EP075H: Anilines and Benzidines - Continued								
2-Nitroaniline	88-74-4	1.0	mg/kg	<1.0	----	----	----	----
3-Nitroaniline	99-09-2	1.0	mg/kg	<1.0	----	----	----	----
Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	----	----	----	----
4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	----	----	----	----
Carbazole	86-74-8	0.5	mg/kg	<0.5	----	----	----	----
3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	----	----	----	----
EP075I: Organochlorine Pesticides								
alpha-BHC	319-84-6	0.5	mg/kg	<0.5	----	----	----	----
beta-BHC	319-85-7	0.5	mg/kg	<0.5	----	----	----	----
gamma-BHC	58-89-9	0.5	mg/kg	<0.5	----	----	----	----
delta-BHC	319-86-8	0.5	mg/kg	<0.5	----	----	----	----
Heptachlor	76-44-8	0.5	mg/kg	<0.5	----	----	----	----
Aldrin	309-00-2	0.5	mg/kg	<0.5	----	----	----	----
Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	----	----	----	----
alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	----	----	----	----
Dieldrin	60-57-1	0.5	mg/kg	<0.5	----	----	----	----
Endrin	72-20-8	0.5	mg/kg	<0.5	----	----	----	----
beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	----	----	----	----
Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	----	----	----	----
4.4`-DDT	50-29-3	1.0	mg/kg	<1.0	----	----	----	----
EP075J: Organophosphorus Pesticides								
Dichlorvos	62-73-7	0.5	mg/kg	<0.5	----	----	----	----
Dimethoate	60-51-5	0.5	mg/kg	<0.5	----	----	----	----
Diazinon	333-41-5	0.5	mg/kg	<0.5	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	----	----	----	----
Malathion	121-75-5	0.5	mg/kg	<0.5	----	----	----	----
Fenthion	55-38-9	0.5	mg/kg	<0.5	----	----	----	----
Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	----	----	----	----
Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	----	----	----	----
Prothiofos	34643-46-4	0.5	mg/kg	<0.5	----	----	----	----
Ethion	563-12-2	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP080/071: Total Petroleum Hydrocarbons									
C6 - C9 Fraction	----	10	mg/kg		<10	----	----	----	----
C10 - C14 Fraction	----	50	mg/kg		<50	----	----	----	----
C15 - C28 Fraction	----	100	mg/kg		<100	----	----	----	----
C29 - C36 Fraction	----	100	mg/kg		<100	----	----	----	----
^ **C10 - C36 Fraction (sum)**	----	50	mg/kg		<50	----	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions									
C6 - C10 Fraction	C6_C10	10	mg/kg		<10	----	----	----	----
^ **C6 - C10 Fraction minus BTEX (F1)**	C6_C10-BTEX	10	mg/kg		<10	----	----	----	----
>C10 - C16 Fraction	----	50	mg/kg		<50	----	----	----	----
>C16 - C34 Fraction	----	100	mg/kg		<100	----	----	----	----
>C34 - C40 Fraction	----	100	mg/kg		<100	----	----	----	----
^ **>C10 - C40 Fraction (sum)**	----	50	mg/kg		<50	----	----	----	----
^ **>C10 - C16 Fraction minus Naphthalene (F2)**	----	50	mg/kg		<50	----	----	----	----
EP080: BTEXN									
Benzene	71-43-2	0.2	mg/kg		<0.2	----	----	----	----
Toluene	108-88-3	0.5	mg/kg		<0.5	----	----	----	----
Ethylbenzene	100-41-4	0.5	mg/kg		<0.5	----	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg		<0.5	----	----	----	----
ortho-Xylene	95-47-6	0.5	mg/kg		<0.5	----	----	----	----
^ **Sum of BTEX**	----	0.2	mg/kg		<0.2	----	----	----	----
^ **Total Xylenes**	----	0.5	mg/kg		<0.5	----	----	----	----
Naphthalene	91-20-3	1	mg/kg		<1	----	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids									
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg		<0.0002	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids - Continued									
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg		<0.0002	----	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids									
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg		<0.001	----	----	----	----
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg		<0.0005	----	----	----	----
EP231C: Perfluoroalkyl Sulfonamides									
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg		<0.0002	----	----	----	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg		<0.0005	----	----	----	----
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg		<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg		<0.0005	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg		<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg		<0.0002	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg		<0.0002	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids									

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued									
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg		<0.0005	----	----	----	----
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg		<0.0005	----	----	----	----
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg		<0.0005	----	----	----	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg		<0.0005	----	----	----	----
EP231P: PFAS Sums									
Sum of PFAS	----	0.0002	mg/kg		<0.0002	----	----	----	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg		<0.0002	----	----	----	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg		<0.0002	----	----	----	----
EP068S: Organochlorine Pesticide Surrogate									
Dibromo-DDE	21655-73-2	0.05	%		83.0	----	----	----	----
EP068T: Organophosphorus Pesticide Surrogate									
DEF	78-48-8	0.05	%		70.7	----	----	----	----
EP074S: VOC Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.5	%		84.1	----	----	----	----
Toluene-D8	2037-26-5	0.5	%		93.9	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.5	%		89.7	----	----	----	----
EP075(SIM)S: Phenolic Compound Surrogates									
Phenol-d6	13127-88-3	0.5	%		89.9	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%		88.9	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%		66.5	----	----	----	----
EP075(SIM)T: PAH Surrogates									
2-Fluorobiphenyl	321-60-8	0.5	%		79.1	----	----	----	----
Anthracene-d10	1719-06-8	0.5	%		81.2	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%		86.8	----	----	----	----
EP075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	0.5	%		98.1	----	----	----	----
Phenol-d6	13127-88-3	0.5	%		94.4	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%		106	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%		47.6	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211116_T01	----	----	----	----
				Sampling date / time	16-Nov-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2142413-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075T: Base/Neutral Extractable Surrogates									
Nitrobenzene-D5	4165-60-0	0.5	%		**100**	----	----	----	----
1.2-Dichlorobenzene-D4	2199-69-1	0.5	%		**82.5**	----	----	----	----
2-Fluorobiphenyl	321-60-8	0.5	%		**92.4**	----	----	----	----
Anthracene-d10	1719-06-8	0.5	%		**104**	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%		**99.0**	----	----	----	----
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.2	%		**75.6**	----	----	----	----
Toluene-D8	2037-26-5	0.2	%		**93.4**	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.2	%		**93.5**	----	----	----	----
EP231S: PFAS Surrogate									
13C4-PFOS	----	0.0002	%		**85.0**	----	----	----	----
13C8-PFOA	----	0.0002	%		**92.5**	----	----	----	----

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Surrogate Control Limits

Sub-Matrix: **SOIL**

Compound	CAS Number	Recovery Limits (%) Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP074S: VOC Surrogates			
1.2-Dichloroethane-D4	17060-07-0	64	130
Toluene-D8	2037-26-5	66	136
4-Bromofluorobenzene	460-00-4	60	122
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	29	149
Phenol-d6	13127-88-3	32	128
2-Chlorophenol-D4	93951-73-6	32	128
2.4.6-Tribromophenol	118-79-6	13	121
EP075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-D5	4165-60-0	33	125
1.2-Dichlorobenzene-D4	2199-69-1	34	108
2-Fluorobiphenyl	321-60-8	35	121
Anthracene-d10	1719-06-8	35	123
4-Terphenyl-d14	1718-51-0	33	125
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	73	133
Toluene-D8	2037-26-5	74	132
4-Bromofluorobenzene	460-00-4	72	130
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

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QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2142413**	Page	: 1 of 9
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 23-Nov-2021
Site	: ----	Issue Date	: 30-Nov-2021
Sampler	: JACK EMBLEN	No. of samples received	: 1
Order number	: ----	No. of samples analysed	: 1

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Duplicate outliers occur.**
- **NO Laboratory Control outliers occur.**
- **NO Matrix Spike outliers occur.**
- **For all regular sample matrices, NO surrogate recovery outliers occur.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

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Outliers : Analysis Holding Time Compliance

Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EP074A: Monocyclic Aromatic Hydrocarbons						
Soil Glass Jar - Unpreserved						
20211116_T01	27-Nov-2021	23-Nov-2021	**4**	29-Nov-2021	23-Nov-2021	**6**
EP074B: Oxygenated Compounds						
Soil Glass Jar - Unpreserved						
20211116_T01	27-Nov-2021	23-Nov-2021	**4**	29-Nov-2021	23-Nov-2021	**6**
EP074C: Sulfonated Compounds						
Soil Glass Jar - Unpreserved						
20211116_T01	27-Nov-2021	23-Nov-2021	**4**	29-Nov-2021	23-Nov-2021	**6**
EP074D: Fumigants						
Soil Glass Jar - Unpreserved						
20211116_T01	27-Nov-2021	23-Nov-2021	**4**	29-Nov-2021	23-Nov-2021	**6**
EP074E: Halogenated Aliphatic Compounds						
Soil Glass Jar - Unpreserved						
20211116_T01	27-Nov-2021	23-Nov-2021	**4**	29-Nov-2021	23-Nov-2021	**6**
EP074F: Halogenated Aromatic Compounds						
Soil Glass Jar - Unpreserved						
20211116_T01	27-Nov-2021	23-Nov-2021	**4**	29-Nov-2021	23-Nov-2021	**6**
EP074G: Trihalomethanes						
Soil Glass Jar - Unpreserved						
20211116_T01	27-Nov-2021	23-Nov-2021	**4**	29-Nov-2021	23-Nov-2021	**6**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
Soil Glass Jar - Unpreserved (EA055)							
20211116_T01	**16-Nov-2021**	**----**	----	----	**27-Nov-2021**	30-Nov-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EG005(ED093)T: Total Metals by ICP-AES							
Soil Glass Jar - Unpreserved (EG005T) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	15-May-2022	✓	**29-Nov-2021**	15-May-2022	✓
EG035T: Total Recoverable Mercury by FIMS							
Soil Glass Jar - Unpreserved (EG035T) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	14-Dec-2021	✓	**29-Nov-2021**	14-Dec-2021	✓
EP068A: Organochlorine Pesticides (OC)							
Soil Glass Jar - Unpreserved (EP068) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**28-Nov-2021**	05-Jan-2022	✓
EP068B: Organophosphorus Pesticides (OP)							
Soil Glass Jar - Unpreserved (EP068) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**28-Nov-2021**	05-Jan-2022	✓
EP074A: Monocyclic Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP074) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	23-Nov-2021	×	**29-Nov-2021**	23-Nov-2021	×
EP074B: Oxygenated Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	23-Nov-2021	×	**29-Nov-2021**	23-Nov-2021	×
EP074C: Sulfonated Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	23-Nov-2021	×	**29-Nov-2021**	23-Nov-2021	×
EP074D: Fumigants							
Soil Glass Jar - Unpreserved (EP074) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	23-Nov-2021	×	**29-Nov-2021**	23-Nov-2021	×
EP074E: Halogenated Aliphatic Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	23-Nov-2021	×	**29-Nov-2021**	23-Nov-2021	×
EP074F: Halogenated Aromatic Compounds							
Soil Glass Jar - Unpreserved (EP074) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	23-Nov-2021	×	**29-Nov-2021**	23-Nov-2021	×
EP074G: Trihalomethanes							
Soil Glass Jar - Unpreserved (EP074) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	23-Nov-2021	×	**29-Nov-2021**	23-Nov-2021	×
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075(SIM)) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075A: Phenolic Compounds							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075C: Phthalate Esters							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075D: Nitrosamines							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075E: Nitroaromatics and Ketones							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075F: Haloethers							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075G: Chlorinated Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075H: Anilines and Benzidines							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075I: Organochlorine Pesticides							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP075J: Organophosphorus Pesticides							
Soil Glass Jar - Unpreserved (EP075) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
EP080/071: Total Petroleum Hydrocarbons							
Soil Glass Jar - Unpreserved (EP071) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
Soil Glass Jar - Unpreserved (EP080) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	30-Nov-2021	✓	**29-Nov-2021**	30-Nov-2021	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Soil Glass Jar - Unpreserved (EP071) 20211116_T01	**16-Nov-2021**	**26-Nov-2021**	30-Nov-2021	✓	**27-Nov-2021**	05-Jan-2022	✓
Soil Glass Jar - Unpreserved (EP080) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	30-Nov-2021	✓	**29-Nov-2021**	30-Nov-2021	✓
EP080: BTEXN							
Soil Glass Jar - Unpreserved (EP080) 20211116_T01	**16-Nov-2021**	**27-Nov-2021**	30-Nov-2021	✓	**29-Nov-2021**	30-Nov-2021	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X) 20211116_T01	**16-Nov-2021**	**25-Nov-2021**	15-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X) 20211116_T01	**16-Nov-2021**	**25-Nov-2021**	15-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231C: Perfluoroalkyl Sulfonamides							
HDPE Soil Jar (EP231X) 20211116_T01	**16-Nov-2021**	**25-Nov-2021**	15-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X) 20211116_T01	**16-Nov-2021**	**25-Nov-2021**	15-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X) 20211116_T01	**16-Nov-2021**	**25-Nov-2021**	15-May-2022	✓	**25-Nov-2021**	04-Jan-2022	✓

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Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	1	**100.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	1	**100.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	2	**50.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Matrix Spikes (MS) - Continued							
TRH - Semivolatile Fraction	EP071	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	2	**50.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to AS 3550, APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
Volatile Organic Compounds	EP074	SOIL	In house: Referenced to USEPA SW 846 - 8260 Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
Semivolatile Organic Compounds	EP075	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by LC-Electrospray-MS-MS, Negative Mode using MRM using internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to a portion of soil which is then extracted with MTBE and an ion pairing reagent. A portion of extract is exchanged into the analytical solvent mixture, combined with an equal volume reagent water and filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.

Preparation Methods	Method	Matrix	Method Descriptions

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Preparation Methods	Method	Matrix	Method Descriptions
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

☐ Sydney Laboratory
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory
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07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466	Project Manager	Nicholas Grbich
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre	EDD Format (Excel, EQuIS etc.)	
Contact Name	Jack Emblen			Sampler(s)	Jack Emblen
Phone №	0402 979 340			Handed over by	Jack Emblen
Special Directions				Email for Invoice	Nicholas Grbich
Purchase Order				Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com
Quote ID №					

Analyses — Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS	Containers — Change container type & size if necessary: 500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)
1	20211116_T01	16/11/21		X						Sent to ALS					
2	TS/TB	↓			X										
3															
4															
5															
6															
7															
8															
9															
10															
	Total Counts														

Required Turnaround Time (TAT) — Default will be 5 days if not ticked. ♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP

Environmental Division
Sydney
Work Order Reference
ES2142413

Telephone : + 61-2-8784 8555

Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal Name Signature Date Time

Laboratory Use Only

Received By	RPhillips	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date 16/11/21	Time Temperature 12.1°C
Received By		SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature	AES	Date 23/11/21	Time 15:00 Report № 1

Eurofins Environment Testing Australia Pty Ltd

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

CoC000 010 Version No: 5 Prepared by: D. R Simons Approved by: G. Jackson Approved on: 8 August 2019

ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **ES2147421**	Page	: 1 of 15
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 30-Dec-2021 17:10
Order number	: ----	Date Analysis Commenced	: 31-Dec-2021
C-O-C number	: ----	Issue Date	: 11-Jan-2022 16:59
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 2		
No. of samples analysed	: 2		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Inorganics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Ivan Taylor	Analyst	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Sum of chlorinated hydrocarbons includes carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichlorothene, trans-1,2-dichlorothene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, hexachlorobutadiene and methylene chloride.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EP075: Where reported, 'Sum of PAH' is the sum of the USEPA 16 priority PAHs
- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS (Australian HEPA) and also conform to QSM 5.3 (US DoD) requirements.

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	**19.0**	**12.5**	----	----	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	**6**	**9**	----	----	----
Cadmium	7440-43-9	1	mg/kg	<1	<1	----	----	----
Chromium	7440-47-3	2	mg/kg	**16**	**20**	----	----	----
Copper	7440-50-8	5	mg/kg	**22**	**8**	----	----	----
Lead	7439-92-1	5	mg/kg	**13**	**17**	----	----	----
Nickel	7440-02-0	2	mg/kg	**5**	**7**	----	----	----
Zinc	7440-66-6	5	mg/kg	**16**	**17**	----	----	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	----	----	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	----	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	----	----	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	----	----	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	----	----	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	----	----	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	----	----	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	----	----	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	----	----	----
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	<0.05	----	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	----	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	----	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	----	----	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	----	----	----
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	----	----	----
Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	----	----	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	----	----	----
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	<0.05	<0.05	----	----	----
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	----	----	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	----	----	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	----	----	----
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	----	----	----
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP068A: Organochlorine Pesticides (OC) - Continued								
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	----	----	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg	<0.05	<0.05	----	----	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	<0.05	----	----	----
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	----	----	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	----	----	----
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	----	----	----
Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	----	----	----
Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	----	----	----
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	----	----	----
Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	----	----	----
Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	----	----	----
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	----	----	----
Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	----	----	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	----	----	----
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	----	----	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	----	----	----
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	----	----	----
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	----	----	----
Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	----	----	----
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	----	----	----
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons								
Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	----	----	----
n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	----	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	----	----	----
sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	----	----	----
tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	----	----	----
p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	----	----	----
n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP074B: Oxygenated Compounds								
Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	----	----	----
2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	----	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	----	----	----
2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	----	----	----
EP074C: Sulfonated Compounds								
Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	----	----	----
EP074D: Fumigants								
2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	----	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	----	----	----
trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	----	----	----
EP074E: Halogenated Aliphatic Compounds								
Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	----	----	----
Chloromethane	74-87-3	5	mg/kg	<5	<5	----	----	----
Vinyl chloride	75-01-4	5	mg/kg	<5	<5	----	----	----
Bromomethane	74-83-9	5	mg/kg	<5	<5	----	----	----
Chloroethane	75-00-3	5	mg/kg	<5	<5	----	----	----
Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	----	----	----
1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	----	----	----
Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	----	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	----	----	----
1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	----	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	----	----	----
1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	----	----	----
1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	----	----	----
Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	----	----	----
Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	----	----	----
Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	----	----	----
1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	----	----	----
1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	----	----	----
1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP074E: Halogenated Aliphatic Compounds - Continued								
trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	----	----	----
cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	----	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	----	----	----
Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	----	----	----
EP074F: Halogenated Aromatic Compounds								
Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	----	----	----
2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	----	----	----
4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	----	----	----
EP074G: Trihalomethanes								
Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	----	----	----
Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	----	----	----
Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued								
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	**0.6**	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	**1.2**	----	----	----
EP075A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	----	----	----
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	----	----	----
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	----	----	----
3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	<0.5	----	----	----
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	----	----	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	----	----	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	----	----	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	----	----	----
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	----	----	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	----	----	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	----	----	----
Pentachlorophenol	87-86-5	1	mg/kg	<1	<1	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	----	----	----
2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	<0.5	----	----	----
2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	----	----	----
N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	<1	----	----	----
7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	<0.5	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons - Continued								
3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	----	----	----
^ Sum of PAHs	----	0.5	mg/kg	<0.5	<0.5	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	**0.6**	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	**1.2**	----	----	----
EP075C: Phthalate Esters								
Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	<0.5	----	----	----
Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	<0.5	----	----	----
Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	<0.5	----	----	----
bis(2-ethylhexyl) phthalate	117-81-7	5.0	mg/kg	<5.0	<5.0	----	----	----
Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	<0.5	----	----	----
EP075D: Nitrosamines								
N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	<0.5	----	----	----
N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	<0.5	----	----	----
N-Nitrosopyrrolidine	930-55-2	1.0	mg/kg	<1.0	<1.0	----	----	----
N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	<0.5	----	----	----
N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	<0.5	----	----	----
N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	<0.5	----	----	----
N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	<0.5	----	----	----
N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	1.0	mg/kg	<1.0	<1.0	----	----	----
Methapyrilene	91-80-5	0.5	mg/kg	<0.5	<0.5	----	----	----
EP075E: Nitroaromatics and Ketones								
2-Picoline	109-06-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Acetophenone	98-86-2	0.5	mg/kg	<0.5	<0.5	----	----	----
Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Isophorone	78-59-1	0.5	mg/kg	<0.5	<0.5	----	----	----
2.6-Dinitrotoluene	606-20-2	1.0	mg/kg	<1.0	<1.0	----	----	----
2.4-Dinitrotoluene	121-14-2	1.0	mg/kg	<1.0	<1.0	----	----	----
1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	<0.5	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP075E: Nitroaromatics and Ketones - Continued								
4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	<0.5	----	----	----
5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Azobenzene	103-33-3	1	mg/kg	<1	<1	----	----	----
1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	<0.5	----	----	----
Phenacetin	62-44-2	0.5	mg/kg	<0.5	<0.5	----	----	----
4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	<0.5	----	----	----
Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Pronamide	23950-58-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	<0.5	----	----	----
EP075F: Haloethers								
Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	<0.5	----	----	----
Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	<0.5	----	----	----
4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	<0.5	----	----	----
4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	<0.5	----	----	----
EP075G: Chlorinated Hydrocarbons								
1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	----	----	----
1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	----	----	----
Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	<0.5	----	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	----	----	----
Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	<2.5	----	----	----
Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Hexachlorobenzene (HCB)	118-74-1	1.0	mg/kg	<1.0	<1.0	----	----	----
EP075H: Anilines and Benzidines								
Aniline	62-53-3	0.5	mg/kg	<0.5	<0.5	----	----	----
4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	<0.5	----	----	----
2-Nitroaniline	88-74-4	1.0	mg/kg	<1.0	<1.0	----	----	----
3-Nitroaniline	99-09-2	1.0	mg/kg	<1.0	<1.0	----	----	----
Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	<0.5	----	----	----
4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	<0.5	----	----	----
Carbazole	86-74-8	0.5	mg/kg	<0.5	<0.5	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP075H: Anilines and Benzidines - Continued								
3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	<0.5	----	----	----
EP075I: Organochlorine Pesticides								
alpha-BHC	319-84-6	0.5	mg/kg	<0.5	<0.5	----	----	----
beta-BHC	319-85-7	0.5	mg/kg	<0.5	<0.5	----	----	----
gamma-BHC	58-89-9	0.5	mg/kg	<0.5	<0.5	----	----	----
delta-BHC	319-86-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Heptachlor	76-44-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Aldrin	309-00-2	0.5	mg/kg	<0.5	<0.5	----	----	----
Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	<0.5	----	----	----
alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	<0.5	----	----	----
4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Dieldrin	60-57-1	0.5	mg/kg	<0.5	<0.5	----	----	----
Endrin	72-20-8	0.5	mg/kg	<0.5	<0.5	----	----	----
beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	<0.5	----	----	----
4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	<0.5	----	----	----
Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	<0.5	----	----	----
4.4`-DDT	50-29-3	1.0	mg/kg	<1.0	<1.0	----	----	----
EP075J: Organophosphorus Pesticides								
Dichlorvos	62-73-7	0.5	mg/kg	<0.5	<0.5	----	----	----
Dimethoate	60-51-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Diazinon	333-41-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	<0.5	----	----	----
Malathion	121-75-5	0.5	mg/kg	<0.5	<0.5	----	----	----
Fenthion	55-38-9	0.5	mg/kg	<0.5	<0.5	----	----	----
Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	<0.5	----	----	----
Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	<0.5	----	----	----
Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	<0.5	----	----	----
Prothiofos	34643-46-4	0.5	mg/kg	<0.5	<0.5	----	----	----
Ethion	563-12-2	0.5	mg/kg	<0.5	<0.5	----	----	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	10	mg/kg	<10	<10	----	----	----
C10 - C14 Fraction	----	50	mg/kg	<50	<50	----	----	----
C15 - C28 Fraction	----	100	mg/kg	<100	<100	----	----	----
C29 - C36 Fraction	----	100	mg/kg	<100	<100	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP080/071: Total Petroleum Hydrocarbons - Continued								
^ C10 - C36 Fraction (sum)	----	50	mg/kg	<50	<50	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	----	----	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg	<10	<10	----	----	----
>C10 - C16 Fraction	----	50	mg/kg	<50	<50	----	----	----
>C16 - C34 Fraction	----	100	mg/kg	<100	<100	----	----	----
>C34 - C40 Fraction	----	100	mg/kg	<100	<100	----	----	----
^ >C10 - C40 Fraction (sum)	----	50	mg/kg	<50	<50	----	----	----
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg	<50	<50	----	----	----
EP080: BTEXN								
Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	----	----	----
Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	----	----	----
Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	----	----	----
ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	----	----	----
^ Sum of BTEX	----	0.2	mg/kg	<0.2	<0.2	----	----	----
^ Total Xylenes	----	0.5	mg/kg	<0.5	<0.5	----	----	----
Naphthalene	91-20-3	1	mg/kg	<1	<1	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids								
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	----	<0.0002	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids								
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	----	<0.001	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids - Continued								
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	----	<0.0002	----	----	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	----	<0.0005	----	----	----
EP231C: Perfluoroalkyl Sulfonamides								
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	----	<0.0002	----	----	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	----	<0.0005	----	----	----
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	----	<0.0005	----	----	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	----	<0.0005	----	----	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	----	<0.0005	----	----	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	----	<0.0002	----	----	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	----	<0.0002	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids								
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	----	<0.0005	----	----	----
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	----	<0.0005	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211217_T01	20211217_T02	----	----	----
			Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2147421-001	ES2147421-002	--------	--------	--------
				Result	Result	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued								
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	----	<0.0005	----	----	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	----	<0.0005	----	----	----
EP231P: PFAS Sums								
Sum of PFAS	----	0.0002	mg/kg	----	<0.0002	----	----	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg	----	<0.0002	----	----	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg	----	<0.0002	----	----	----
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE	21655-73-2	0.05	%	75.4	62.4	----	----	----
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.05	%	105	98.7	----	----	----
EP074S: VOC Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.5	%	94.2	87.5	----	----	----
Toluene-D8	2037-26-5	0.5	%	97.7	88.8	----	----	----
4-Bromofluorobenzene	460-00-4	0.5	%	75.2	68.2	----	----	----
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.5	%	91.4	81.2	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	95.9	80.4	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	66.2	56.8	----	----	----
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.5	%	104	102	----	----	----
Anthracene-d10	1719-06-8	0.5	%	106	109	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%	110	103	----	----	----
EP075S: Acid Extractable Surrogates								
2-Fluorophenol	367-12-4	0.5	%	112	49.4	----	----	----
Phenol-d6	13127-88-3	0.5	%	86.7	55.2	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%	97.2	65.1	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%	64.6	24.9	----	----	----
EP075T: Base/Neutral Extractable Surrogates								
Nitrobenzene-D5	4165-60-0	0.5	%	113	125	----	----	----
1.2-Dichlorobenzene-D4	2199-69-1	0.5	%	105	103	----	----	----
2-Fluorobiphenyl	321-60-8	0.5	%	118	116	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211217_T01	20211217_T02	----	----	----
				Sampling date / time	17-Dec-2021 00:00	17-Dec-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit		ES2147421-001	ES2147421-002	--------	--------	--------
					Result	Result	----	----	----
EP075T: Base/Neutral Extractable Surrogates - Continued									
Anthracene-d10	1719-06-8	0.5	%		**124**	**122**	**----**	**----**	**----**
4-Terphenyl-d14	1718-51-0	0.5	%		**101**	**116**	**----**	**----**	**----**
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.2	%		**92.1**	**85.3**	**----**	**----**	**----**
Toluene-D8	2037-26-5	0.2	%		**97.3**	**88.1**	**----**	**----**	**----**
4-Bromofluorobenzene	460-00-4	0.2	%		**83.0**	**74.0**	**----**	**----**	**----**
EP231S: PFAS Surrogate									
13C4-PFOS	----	0.0002	%		**----**	**102**	**----**	**----**	**----**
13C8-PFOA	----	0.0002	%		**----**	**101**	**----**	**----**	**----**

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Surrogate Control Limits

Sub-Matrix: **SOIL**

Compound	CAS Number	Recovery Limits (%) Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP074S: VOC Surrogates			
1.2-Dichloroethane-D4	17060-07-0	64	130
Toluene-D8	2037-26-5	66	136
4-Bromofluorobenzene	460-00-4	60	122
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	29	149
Phenol-d6	13127-88-3	32	128
2-Chlorophenol-D4	93951-73-6	32	128
2.4.6-Tribromophenol	118-79-6	13	121
EP075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-D5	4165-60-0	33	125
1.2-Dichlorobenzene-D4	2199-69-1	34	108
2-Fluorobiphenyl	321-60-8	35	121
Anthracene-d10	1719-06-8	35	123
4-Terphenyl-d14	1718-51-0	33	125
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	73	133
Toluene-D8	2037-26-5	74	132
4-Bromofluorobenzene	460-00-4	72	130
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

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ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **ES2147421**	Page	: 1 of 23
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 30-Dec-2021
Order number	: ----	Date Analysis Commenced	: 31-Dec-2021
C-O-C number	: ----	Issue Date	: 11-Jan-2022
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 2		
No. of samples analysed	: 2		

Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Inorganics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Ivan Taylor	Analyst	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 4109590)									
EB2137335-002	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	86	82	4.7	0% - 20%
		EG005T: Nickel	7440-02-0	2	mg/kg	36	32	10.6	0% - 50%
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	56	53	6.0	0% - 50%
		EG005T: Lead	7439-92-1	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	13	15	16.1	No Limit
ES2143947-108	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	11	11	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	10	9	12.6	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	18	18	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	9	8	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	8	7	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	10	8	16.2	No Limit
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4104829)									
ES2147422-001	Anonymous	EA055: Moisture Content	----	0.1	%	26.4	25.8	2.0	0% - 20%
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 4109591)									
EB2137335-002	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
ES2143947-108	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4104384)									
ES2147421-001	20211217_T01	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4104384) - continued									
ES2147421-001	20211217_T01	EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 4104384)									
ES2147421-001	20211217_T01	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4104609)									
ES2147421-001	20211217_T01	EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4104609) - continued									
ES2147421-001	20211217_T01	EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 4104609)									
ES2147421-001	20211217_T01	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 4104609)									
ES2147421-001	20211217_T01	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074D: Fumigants (QC Lot: 4104609)									
ES2147421-001	20211217_T01	EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4104609)									
ES2147421-001	20211217_T01	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4104609) - continued									
ES2147421-001	20211217_T01	EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 4104609)									
ES2147421-001	20211217_T01	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 4104609)									
ES2147421-001	20211217_T01	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4104380)									
ES2147421-001	20211217_T01	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4104380) - continued									
ES2147421-001	20211217_T01	EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075A: Phenolic Compounds (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	<1	0.0	No Limit
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	<1	0.0	No Limit
EP075C: Phthalate Esters (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075C: Phthalate Esters (QC Lot: 4104381) - continued									
ES2147421-001	20211217_T01	EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075D: Nitrosamines (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075E: Nitroaromatics and Ketones (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Azobenzene	103-33-3	1	mg/kg	<1	<1	0.0	No Limit
EP075F: Haloethers (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075G: Chlorinated Hydrocarbons (QC Lot: 4104381)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075G: Chlorinated Hydrocarbons (QC Lot: 4104381) - continued									
ES2147421-001	20211217_T01	EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	<2.5	0.0	No Limit
EP075H: Anilines and Benzidines (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075I: Organochlorine Pesticides (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
EP075J: Organophosphorus Pesticides (QC Lot: 4104381)									
ES2147421-001	20211217_T01	EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075J: Organophosphorus Pesticides (QC Lot: 4104381) - continued									
ES2147421-001	20211217_T01	EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4104377)									
ES2147421-001	20211217_T01	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4104610)									
ES2147421-001	20211217_T01	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4104377)									
ES2147421-001	20211217_T01	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4104610)									
ES2147421-001	20211217_T01	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
EP080: BTEXN (QC Lot: 4104610)									
ES2147421-001	20211217_T01	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0016	0.0008	62.7	No Limit
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
ES2200034-001	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	0.0460	0.0475	3.3	0% - 20%
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0082	0.0070	16.3	0% - 20%

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4107625) - continued									
ES2200034-001	Anonymous	EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	0.0003	0.0003	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
ES2200034-001	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2200034-001	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4107625) - continued									
ES2200034-001	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2200034-001	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	0.0035	0.0037	7.5	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit

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Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4109590)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	121.1 mg/kg	97.2	88.0	113
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	0.74 mg/kg	77.5	70.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	19.6 mg/kg	107	68.0	132
EG005T: Copper	7440-50-8	5	mg/kg	<5	52.9 mg/kg	104	89.0	111
EG005T: Lead	7439-92-1	5	mg/kg	<5	60.8 mg/kg	101	82.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.3 mg/kg	97.1	80.0	120
EG005T: Zinc	7440-66-6	5	mg/kg	<5	139.3 mg/kg	89.1	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4109591)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.087 mg/kg	86.8	70.0	125
EP068A: Organochlorine Pesticides (OC) (QCLot: 4104384)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	99.1	69.0	113
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	89.4	65.0	117
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	100	67.0	119
EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	68.0	116
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	95.4	65.0	117
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	97.9	67.0	115
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	104	69.0	115
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	85.8	62.0	118
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	77.0	63.0	117
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	107	66.0	116
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	72.8	64.0	116
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	108	66.0	116
EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	67.0	115
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	110	67.0	123
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	87.3	69.0	115
EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	102	69.0	121
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	86.6	56.0	120
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	105	62.0	124
EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	97.5	66.0	120
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	75.2	64.0	122
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	96.8	54.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	101	59.0	119
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	103	62.0	128

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384) - continued								
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	97.4	54.0	126
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	92.2	67.0	119
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	104	70.0	120
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	85.1	72.0	120
EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	82.6	68.0	120
EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	102	68.0	122
EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	84.6	69.0	117
EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	0.5 mg/kg	97.6	76.0	118
EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	81.7	64.0	122
EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	74.1	70.0	116
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	101	69.0	121
EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	0.5 mg/kg	79.6	66.0	118
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.5 mg/kg	79.7	68.0	124
EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	94.1	62.0	112
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	90.0	68.0	120
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	0.5 mg/kg	90.5	65.0	127
EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	81.5	41.0	123
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 4104609)								
EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	1 mg/kg	91.6	67.0	113
EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	1 mg/kg	97.0	65.0	117
EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	1 mg/kg	95.9	66.0	122
EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	1 mg/kg	95.2	68.0	118
EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	1 mg/kg	94.5	69.0	119
EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	1 mg/kg	94.1	69.0	117
EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	1 mg/kg	96.2	69.0	115
EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	1 mg/kg	94.4	66.0	118
EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	1 mg/kg	95.4	59.0	125
EP074B: Oxygenated Compounds (QCLot: 4104609)								
EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	10 mg/kg	97.2	29.6	156
EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	10 mg/kg	106	58.0	136
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	10 mg/kg	95.0	62.0	132
EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	10 mg/kg	103	54.0	136
EP074C: Sulfonated Compounds (QCLot: 4104609)								
EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	1 mg/kg	92.8	54.0	126
EP074D: Fumigants (QCLot: 4104609)								
EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	1 mg/kg	96.5	60.0	126
EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	1 mg/kg	99.2	68.0	124
EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	1 mg/kg	98.7	51.0	119

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074D: Fumigants (QCLot: 4104609) - continued								
EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	1 mg/kg	94.7	52.0	114
EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	1 mg/kg	93.3	63.0	115
EP074E: Halogenated Aliphatic Compounds (QCLot: 4104609)								
EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	10 mg/kg	93.7	30.0	148
EP074: Chloromethane	74-87-3	5	mg/kg	<5	10 mg/kg	95.5	41.0	141
EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	10 mg/kg	95.7	43.0	147
EP074: Bromomethane	74-83-9	5	mg/kg	<5	10 mg/kg	92.0	47.0	141
EP074: Chloroethane	75-00-3	5	mg/kg	<5	10 mg/kg	91.3	49.0	143
EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	10 mg/kg	94.4	49.0	135
EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	1 mg/kg	96.6	54.0	126
EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	1 mg/kg	89.6	43.0	129
EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	1 mg/kg	96.7	64.0	120
EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	1 mg/kg	97.0	67.0	125
EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	1 mg/kg	94.4	69.0	121
EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	1 mg/kg	97.0	65.0	117
EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	1 mg/kg	99.6	65.0	123
EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	1 mg/kg	97.4	59.0	125
EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	1 mg/kg	97.5	65.0	125
EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	1 mg/kg	95.8	70.0	118
EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	1 mg/kg	94.0	68.0	118
EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	1 mg/kg	94.9	64.0	126
EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	1 mg/kg	91.0	68.0	122
EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	1 mg/kg	93.4	67.0	143
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	1 mg/kg	96.0	62.0	122
EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	1 mg/kg	98.4	54.0	128
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	1 mg/kg	89.3	55.0	129
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	1 mg/kg	92.9	65.0	121
EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	1 mg/kg	94.9	61.0	125
EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	1 mg/kg	95.4	19.8	134
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	1 mg/kg	83.9	53.0	129
EP074F: Halogenated Aromatic Compounds (QCLot: 4104609)								
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	1 mg/kg	94.7	68.0	116
EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	1 mg/kg	99.1	70.0	114
EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	1 mg/kg	96.4	68.0	122
EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	1 mg/kg	98.6	67.0	123
EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	1 mg/kg	103	52.0	122
EP074G: Trihalomethanes (QCLot: 4104609)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	1 mg/kg	96.1	66.0	124

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074G: Trihalomethanes (QCLot: 4104609) - continued								
EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	1 mg/kg	97.1	61.0	121
EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	1 mg/kg	94.9	63.0	121
EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	1 mg/kg	92.3	60.0	126
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104380)								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	6 mg/kg	96.2	77.0	125
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	6 mg/kg	99.8	72.0	124
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	6 mg/kg	96.0	73.0	127
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	6 mg/kg	98.2	72.0	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	6 mg/kg	102	75.0	127
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	6 mg/kg	94.9	77.0	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	6 mg/kg	102	73.0	127
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	6 mg/kg	98.4	74.0	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	6 mg/kg	99.7	69.0	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	6 mg/kg	99.8	75.0	127
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	6 mg/kg	101	68.0	116
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	6 mg/kg	97.7	74.0	126
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	6 mg/kg	98.2	70.0	126
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	6 mg/kg	97.5	61.0	121
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	6 mg/kg	97.9	62.0	118
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	6 mg/kg	96.3	63.0	121
EP075A: Phenolic Compounds (QCLot: 4104381)								
EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	1.5 mg/kg	83.8	64.0	114
EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	1.5 mg/kg	88.2	57.0	115
EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	1.5 mg/kg	100.0	55.0	117
EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	1.5 mg/kg	92.2	46.0	122
EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	47.0	117
EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	1.5 mg/kg	104	13.7	108
EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	1.5 mg/kg	100	47.0	105
EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	1.5 mg/kg	104	48.0	110
EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	1.5 mg/kg	111	57.0	113
EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	1.5 mg/kg	103	49.0	109
EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	1.5 mg/kg	# 108	49.0	107
EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	3 mg/kg	43.3	12.0	76.0
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104381)								
EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	1.5 mg/kg	108	62.0	118
EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	1.5 mg/kg	104	58.0	116
EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	1.5 mg/kg	# 116	54.0	112

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104381) - continued								
EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	1.5 mg/kg	# 115	56.0	114
EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	1.5 mg/kg	108	62.0	112
EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	# 118	59.0	115
EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	63.0	113
EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	1.5 mg/kg	107	57.0	111
EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	1.5 mg/kg	105	58.0	114
EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	1.5 mg/kg	107	57.0	117
EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	1.5 mg/kg	91.2	58.0	114
EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	101	59.0	115
EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	1.5 mg/kg	99.4	61.0	117
EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	3 mg/kg	100.0	57.0	119
EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	1.5 mg/kg	# 109	48.1	106
EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	1.5 mg/kg	99.7	56.0	116
EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	50.0	116
EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	1.5 mg/kg	99.5	55.0	117
EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	1.5 mg/kg	99.5	53.0	119
EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	1.5 mg/kg	96.1	56.0	120
EP075C: Phthalate Esters (QCLot: 4104381)								
EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	1.5 mg/kg	118	60.0	118
EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	1.5 mg/kg	115	65.0	115
EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	1.5 mg/kg	98.8	65.0	121
EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	1.5 mg/kg	100	62.0	116
EP075: bis(2-ethylhexyl) phthalate	117-81-7	----	mg/kg	----	1.5 mg/kg	103	69.0	133
EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	1.5 mg/kg	99.3	62.0	124
EP075D: Nitrosamines (QCLot: 4104381)								
EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	1.5 mg/kg	85.3	39.4	124
EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	1.5 mg/kg	91.3	59.0	117
EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<0.5	1.5 mg/kg	110	53.0	125
EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	1.5 mg/kg	110	65.0	121
EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	1.5 mg/kg	103	59.0	123
EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	1.5 mg/kg	109	57.0	115
EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	1.5 mg/kg	102	57.0	119
EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<0.6	3 mg/kg	# 114	42.0	112
EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	1.5 mg/kg	102	16.3	123
EP075E: Nitroaromatics and Ketones (QCLot: 4104381)								
EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	1.5 mg/kg	71.3	27.3	129

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075E: Nitroaromatics and Ketones (QCLot: 4104381) - continued								
EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	1.5 mg/kg	101	60.0	116
EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	1.5 mg/kg	104	65.0	119
EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	1.5 mg/kg	105	62.0	116
EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<0.5	1.5 mg/kg	116	58.0	118
EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<0.5	1.5 mg/kg	104	59.0	115
EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	1.5 mg/kg	47.2	18.0	112
EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	1.5 mg/kg	79.0	10.0	87.0
EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	1.5 mg/kg	# 99.8	48.3	98.5
EP075: Azobenzene	103-33-3	1	mg/kg	<1	1.5 mg/kg	108	62.0	118
EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	1.5 mg/kg	80.2	36.0	114
EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	1.5 mg/kg	98.4	62.0	114
EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	1.5 mg/kg	74.0	36.1	102
EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	56.0	110
EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	1.5 mg/kg	104	54.0	110
EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	1.5 mg/kg	102	48.0	108
EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	1.5 mg/kg	100	57.4	112
EP075F: Haloethers (QCLot: 4104381)								
EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	1.5 mg/kg	88.4	63.0	121
EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	1.5 mg/kg	99.1	59.0	115
EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	1.5 mg/kg	# 113	58.0	112
EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	# 111	58.0	110
EP075G: Chlorinated Hydrocarbons (QCLot: 4104381)								
EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	1.5 mg/kg	97.9	58.0	112
EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	1.5 mg/kg	105	58.0	116
EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	1.5 mg/kg	103	57.0	115
EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	1.5 mg/kg	115	54.0	116
EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	1.5 mg/kg	101	62.9	108
EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	1.5 mg/kg	# 116	39.1	110
EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	1.5 mg/kg	95.7	59.0	117
EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	1.5 mg/kg	46.7	24.3	108
EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	57.0	109
EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<0.5	1.5 mg/kg	106	59.0	111
EP075H: Anilines and Benzidines (QCLot: 4104381)								
EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	1.5 mg/kg	83.2	13.2	108
EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	1.5 mg/kg	43.8	20.5	99.0
EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<0.5	1.5 mg/kg	110	52.0	112
EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<0.5	1.5 mg/kg	91.5	31.5	93.7
EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	1.5 mg/kg	108	60.0	110

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075H: Anilines and Benzidines (QCLot: 4104381) - continued								
EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	1.5 mg/kg	79.9	42.0	112
EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	1.5 mg/kg	104	59.0	111
EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	1.5 mg/kg	83.8	23.1	113
EP075I: Organochlorine Pesticides (QCLot: 4104381)								
EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	1.5 mg/kg	104	63.0	113
EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	1.5 mg/kg	102	57.0	113
EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	1.5 mg/kg	112	61.0	117
EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	1.5 mg/kg	101	64.0	118
EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	1.5 mg/kg	102	55.0	115
EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	1.5 mg/kg	101	61.0	115
EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	1.5 mg/kg	100	56.0	118
EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	65.0	125
EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	1.5 mg/kg	104	60.0	116
EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	1.5 mg/kg	104	64.0	118
EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	1.5 mg/kg	108	53.0	117
EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	1.5 mg/kg	102	65.0	115
EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	1.5 mg/kg	104	62.0	118
EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	1.5 mg/kg	113	63.0	129
EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<0.5	1.5 mg/kg	98.4	46.0	122
EP075J: Organophosphorus Pesticides (QCLot: 4104381)								
EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	73.2	46.0	112
EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	1.5 mg/kg	101	63.0	119
EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	68.0	134
EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	1.5 mg/kg	102	60.0	130
EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	106	65.0	127
EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	1.5 mg/kg	104	60.0	116
EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	1.5 mg/kg	103	63.0	113
EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	1.5 mg/kg	103	65.0	115
EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	1.5 mg/kg	97.3	59.0	103
EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	1.5 mg/kg	105	59.0	119
EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	1.5 mg/kg	105	62.0	118
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104377)								
EP071: C10 - C14 Fraction	----	50	mg/kg	<50	300 mg/kg	107	75.0	129
EP071: C15 - C28 Fraction	----	100	mg/kg	<100	450 mg/kg	95.7	77.0	131
EP071: C29 - C36 Fraction	----	100	mg/kg	<100	300 mg/kg	81.3	71.0	129
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104610)								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	26 mg/kg	70.5	68.4	128
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377)								

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377) - continued								
EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	375 mg/kg	81.2	77.0	125
EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	525 mg/kg	82.0	74.0	138
EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	225 mg/kg	84.3	63.0	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104610)								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	31 mg/kg	69.4	68.4	128
EP080: BTEXN (QCLot: 4104610)								
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	91.2	62.0	116
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	89.4	67.0	121
EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	80.4	65.0	117
EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	83.7	66.0	118
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	82.7	68.0	120
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	86.3	63.0	119
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4107625)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	122	72.0	128
EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	114	73.0	123
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	109	67.0	130
EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	118	70.0	132
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	113	68.0	136
EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4107625)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	102	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	115	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	121	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	118	69.0	133
EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	116	72.0	129
EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	0.00125 mg/kg	121	69.0	133
EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	64.0	136
EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	69.0	135
EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	112	66.0	139
EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	107	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625)								
EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	112	67.0	137
EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	0.00312 mg/kg	122	71.6	129
EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	120	69.8	131
EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	89.6	68.7	130

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625) - continued								
EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	92.0	65.1	134
EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	116	63.0	144
EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	118	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4107625)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	109	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	113	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	117	65.0	137
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	91.2	69.2	143

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%): MS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4109590)							
EB2137335-002	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	89.8	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	91.1	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	86.1	68.0	132
		EG005T: Copper	7440-50-8	250 mg/kg	94.6	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	90.8	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	82.4	70.0	130
		EG005T: Zinc	7440-66-6	250 mg/kg	88.9	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4109591)							
EB2137335-002	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	96.7	70.0	130
EP068A: Organochlorine Pesticides (OC) (QCLot: 4104384)							
ES2147421-001	20211217_T01	EP068: gamma-BHC	58-89-9	0.5 mg/kg	89.9	70.0	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	80.7	70.0	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	108	70.0	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	117	70.0	130
		EP068: Endrin	72-20-8	2 mg/kg	99.6	70.0	130
		EP068: 4.4`-DDT	50-29-3	2 mg/kg	91.4	70.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384)							
ES2147421-001	20211217_T01	EP068: Diazinon	333-41-5	0.5 mg/kg	99.4	70.0	130

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384) - continued							
ES2147421-001	20211217_T01	EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	102	70.0	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	90.5	70.0	130
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	81.5	70.0	130
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	90.8	70.0	130
EP074E: Halogenated Aliphatic Compounds (QCLot: 4104609)							
ES2147421-001	20211217_T01	EP074: 1.1-Dichloroethene	75-35-4	2.5 mg/kg	74.4	70.0	130
		EP074: Trichloroethene	79-01-6	2.5 mg/kg	82.2	70.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 4104609)							
ES2147421-001	20211217_T01	EP074: Chlorobenzene	108-90-7	2.5 mg/kg	92.3	70.0	130
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104380)							
ES2147421-001	20211217_T01	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	92.9	70.0	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	97.4	70.0	130
EP075A: Phenolic Compounds (QCLot: 4104381)							
ES2147421-001	20211217_T01	EP075: Phenol	108-95-2	10 mg/kg	108	60.0	130
		EP075: 2-Chlorophenol	95-57-8	10 mg/kg	106	60.0	130
		EP075: 2-Nitrophenol	88-75-5	10 mg/kg	115	50.0	130
		EP075: 4-Chloro-3-methylphenol	59-50-7	10 mg/kg	122	50.0	130
		EP075: Pentachlorophenol	87-86-5	10 mg/kg	45.8	10.0	130
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104381)							
ES2147421-001	20211217_T01	EP075: Acenaphthene	83-32-9	10 mg/kg	122	50.0	130
		EP075: Pyrene	129-00-0	10 mg/kg	110	50.0	130
EP075D: Nitrosamines (QCLot: 4104381)							
ES2147421-001	20211217_T01	EP075: N-Nitrosodi-n-propylamine	621-64-7	10 mg/kg	115	50.0	130
EP075E: Nitroaromatics and Ketones (QCLot: 4104381)							
ES2147421-001	20211217_T01	EP075: 2.4-Dinitrotoluene	121-14-2	10 mg/kg	125	40.0	130
EP075G: Chlorinated Hydrocarbons (QCLot: 4104381)							
ES2147421-001	20211217_T01	EP075: 1.4-Dichlorobenzene	106-46-7	10 mg/kg	116	60.0	130
		EP075: 1.2.4-Trichlorobenzene	120-82-1	10 mg/kg	107	50.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104377)							
ES2147421-001	20211217_T01	EP071: C10 - C14 Fraction	----	480 mg/kg	97.1	73.0	137
		EP071: C15 - C28 Fraction	----	3100 mg/kg	114	53.0	131
		EP071: C29 - C36 Fraction	----	2060 mg/kg	119	52.0	132
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104610)							
ES2147421-001	20211217_T01	EP080: C6 - C9 Fraction	----	32.5 mg/kg	83.4	70.0	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377)							

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377) - continued							
ES2147421-001	20211217_T01	EP071: >C10 - C16 Fraction	----	860 mg/kg	90.1	73.0	137
		EP071: >C16 - C34 Fraction	----	4320 mg/kg	119	53.0	131
		EP071: >C34 - C40 Fraction	----	890 mg/kg	120	52.0	132
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104610)							
ES2147421-001	20211217_T01	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	83.7	70.0	130
EP080: BTEXN (QCLot: 4104610)							
ES2147421-001	20211217_T01	EP080: Benzene	71-43-2	2.5 mg/kg	77.3	70.0	130
		EP080: Toluene	108-88-3	2.5 mg/kg	76.7	70.0	130
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	80.4	70.0	130
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	80.4	70.0	130
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	83.0	70.0	130
		EP080: Naphthalene	91-20-3	2.5 mg/kg	82.4	70.0	130
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	120	72.0	128
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.00125 mg/kg	119	73.0	123
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	104	67.0	130
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.00125 mg/kg	120	70.0	132
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	96.4	68.0	136
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.00125 mg/kg	115	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	103	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	112	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	117	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	118	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	130	69.0	133
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.00125 mg/kg	116	72.0	129
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.00125 mg/kg	115	69.0	133
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.00125 mg/kg	118	64.0	136
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.00125 mg/kg	114	69.0	135
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.00125 mg/kg	120	66.0	139
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.00312 mg/kg	110	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.00125 mg/kg	113	67.0	137
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.00312 mg/kg	121	71.6	129
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.00312 mg/kg	113	69.8	131

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625) - continued							
ES2145263-002	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.00312 mg/kg	99.2	68.7	130
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.00312 mg/kg	97.4	65.1	134
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.00125 mg/kg	116	63.0	144
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.00125 mg/kg	118	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	109	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	118	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	124	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	80.8	69.2	143

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ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2147421**	Page	: 1 of 10
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 30-Dec-2021
Site	: ----	Issue Date	: 11-Jan-2022
Sampler	: JACK EMBLEN	No. of samples received	: 2
Order number	: ----	No. of samples analysed	: 2

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Duplicate outliers occur.**
- **NO Matrix Spike outliers occur.**
- **Laboratory Control outliers exist - please see following pages for full details.**
- **Surrogate recovery outliers exist for all regular sample matrices - please see following pages for full details.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

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Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Laboratory Control Spike (LCS) Recoveries							
EP075A: Phenolic Compounds	QC-4104381-002	----	**2.4.5-Trichlorophenol**	95-95-4	108 %	49.0-107%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**2-Chloronaphthalene**	91-58-7	116 %	54.0-112%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**Acenaphthylene**	208-96-8	115 %	56.0-114%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**Fluorene**	86-73-7	118 %	59.0-115%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**7.12-Dimethylbenz(a)anthracene**	57-97-6	109 %	48.1-106%	**Recovery greater than upper control limit**
EP075D: Nitrosamines	QC-4104381-002	----	**N-Nitrosodiphenyl & Diphenylamine**	86-30-6 122-39-4	114 %	42.0-112%	**Recovery greater than upper control limit**
EP075E: Nitroaromatics and Ketones	QC-4104381-002	----	**5-Nitro-o-toluidine**	99-55-8	99.8 %	48.3-98.5%	**Recovery greater than upper control limit**
EP075F: Haloethers	QC-4104381-002	----	**4-Chlorophenyl phenyl ether**	7005-72-3	113 %	58.0-112%	**Recovery greater than upper control limit**
EP075F: Haloethers	QC-4104381-002	----	**4-Bromophenyl phenyl ether**	101-55-3	111 %	58.0-110%	**Recovery greater than upper control limit**
EP075G: Chlorinated Hydrocarbons	QC-4104381-002	----	**Hexachloropropylene**	1888-71-7	116 %	39.1-110%	**Recovery greater than upper control limit**

Regular Sample Surrogates

Sub-Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Samples Submitted							
EP075T: Base/Neutral Extractable Surrogates	ES2147421-001	20211217_T01	**Anthracene-d10**	1719-06-8	124 %	35.0-123 %	**Recovery greater than upper data quality objective**

Outliers : Analysis Holding Time Compliance

Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EP074A: Monocyclic Aromatic Hydrocarbons						
Soil Glass Jar - Unpreserved						
20211217_T01, 20211217_T02	31-Dec-2021	24-Dec-2021	**7**	31-Dec-2021	24-Dec-2021	**7**
EP074B: Oxygenated Compounds						
Soil Glass Jar - Unpreserved						
20211217_T01, 20211217_T02	31-Dec-2021	24-Dec-2021	**7**	31-Dec-2021	24-Dec-2021	**7**
EP074C: Sulfonated Compounds						

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Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Days overdue	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Days overdue
EP074C: Sulfonated Compounds - Analysis Holding Time Compliance						
Soil Glass Jar - Unpreserved						
20211217_T01, 20211217_T02	31-Dec-2021	24-Dec-2021	**7**	31-Dec-2021	24-Dec-2021	**7**
EP074D: Fumigants						
Soil Glass Jar - Unpreserved						
20211217_T01, 20211217_T02	31-Dec-2021	24-Dec-2021	**7**	31-Dec-2021	24-Dec-2021	**7**
EP074E: Halogenated Aliphatic Compounds						
Soil Glass Jar - Unpreserved						
20211217_T01, 20211217_T02	31-Dec-2021	24-Dec-2021	**7**	31-Dec-2021	24-Dec-2021	**7**
EP074F: Halogenated Aromatic Compounds						
Soil Glass Jar - Unpreserved						
20211217_T01, 20211217_T02	31-Dec-2021	24-Dec-2021	**7**	31-Dec-2021	24-Dec-2021	**7**
EP074G: Trihalomethanes						
Soil Glass Jar - Unpreserved						
20211217_T01, 20211217_T02	31-Dec-2021	24-Dec-2021	**7**	31-Dec-2021	24-Dec-2021	**7**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Evaluation	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
Soil Glass Jar - Unpreserved (EA055)							
20211217_T01, 20211217_T02	**17-Dec-2021**	**----**	----	----	**31-Dec-2021**	31-Dec-2021	✓
EG005(ED093)T: Total Metals by ICP-AES							
Soil Glass Jar - Unpreserved (EG005T)							
20211217_T01, 20211217_T02	**17-Dec-2021**	**06-Jan-2022**	15-Jun-2022	✓	**06-Jan-2022**	15-Jun-2022	✓
EG035T: Total Recoverable Mercury by FIMS							
Soil Glass Jar - Unpreserved (EG035T)							
20211217_T01, 20211217_T02	**17-Dec-2021**	**06-Jan-2022**	14-Jan-2022	✓	**06-Jan-2022**	14-Jan-2022	✓
EP068A: Organochlorine Pesticides (OC)							
Soil Glass Jar - Unpreserved (EP068)							
20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**05-Jan-2022**	09-Feb-2022	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)		Sample Date	Extraction / Preparation			Analysis		
			Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP068B: Organophosphorus Pesticides (OP)								
Soil Glass Jar - Unpreserved (EP068)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**05-Jan-2022**	09-Feb-2022	✓
EP074A: Monocyclic Aromatic Hydrocarbons								
Soil Glass Jar - Unpreserved (EP074)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	24-Dec-2021	×	**31-Dec-2021**	24-Dec-2021	×
EP074B: Oxygenated Compounds								
Soil Glass Jar - Unpreserved (EP074)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	24-Dec-2021	×	**31-Dec-2021**	24-Dec-2021	×
EP074C: Sulfonated Compounds								
Soil Glass Jar - Unpreserved (EP074)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	24-Dec-2021	×	**31-Dec-2021**	24-Dec-2021	×
EP074D: Fumigants								
Soil Glass Jar - Unpreserved (EP074)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	24-Dec-2021	×	**31-Dec-2021**	24-Dec-2021	×
EP074E: Halogenated Aliphatic Compounds								
Soil Glass Jar - Unpreserved (EP074)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	24-Dec-2021	×	**31-Dec-2021**	24-Dec-2021	×
EP074F: Halogenated Aromatic Compounds								
Soil Glass Jar - Unpreserved (EP074)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	24-Dec-2021	×	**31-Dec-2021**	24-Dec-2021	×
EP074G: Trihalomethanes								
Soil Glass Jar - Unpreserved (EP074)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	24-Dec-2021	×	**31-Dec-2021**	24-Dec-2021	×
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Soil Glass Jar - Unpreserved (EP075(SIM))								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**04-Jan-2022**	09-Feb-2022	✓
EP075A: Phenolic Compounds								
Soil Glass Jar - Unpreserved (EP075)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075B: Polynuclear Aromatic Hydrocarbons								
Soil Glass Jar - Unpreserved (EP075)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075C: Phthalate Esters								
Soil Glass Jar - Unpreserved (EP075)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075D: Nitrosamines								
Soil Glass Jar - Unpreserved (EP075)								
20211217_T01,	20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075E: Nitroaromatics and Ketones							
Soil Glass Jar - Unpreserved (EP075) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075F: Haloethers							
Soil Glass Jar - Unpreserved (EP075) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075G: Chlorinated Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075H: Anilines and Benzidines							
Soil Glass Jar - Unpreserved (EP075) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075I: Organochlorine Pesticides							
Soil Glass Jar - Unpreserved (EP075) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075J: Organophosphorus Pesticides							
Soil Glass Jar - Unpreserved (EP075) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**07-Jan-2022**	09-Feb-2022	✓
EP080/071: Total Petroleum Hydrocarbons							
Soil Glass Jar - Unpreserved (EP071) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**04-Jan-2022**	09-Feb-2022	✓
Soil Glass Jar - Unpreserved (EP080) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**31-Dec-2021**	31-Dec-2021	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Soil Glass Jar - Unpreserved (EP071) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**04-Jan-2022**	09-Feb-2022	✓
Soil Glass Jar - Unpreserved (EP080) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**31-Dec-2021**	31-Dec-2021	✓
EP080: BTEXN							
Soil Glass Jar - Unpreserved (EP080) 20211217_T01, 20211217_T02	**17-Dec-2021**	**31-Dec-2021**	31-Dec-2021	✓	**31-Dec-2021**	31-Dec-2021	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X) 20211217_T02	**17-Dec-2021**	**05-Jan-2022**	15-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X) 20211217_T02	**17-Dec-2021**	**05-Jan-2022**	15-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓
EP231C: Perfluoroalkyl Sulfonamides							
HDPE Soil Jar (EP231X) 20211217_T02	**17-Dec-2021**	**05-Jan-2022**	15-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211217_T02	**17-Dec-2021**	**05-Jan-2022**	15-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X)							
20211217_T02	**17-Dec-2021**	**05-Jan-2022**	15-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓

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Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
Moisture Content	EA055	1	5	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	2	11	**18.18**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	19	**10.53**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Matrix Spikes (MS) - Continued							
Total Metals by ICP-AES	EG005T	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
Volatile Organic Compounds	EP074	SOIL	In house: Referenced to USEPA SW 846 - 8260 Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
Semivolatile Organic Compounds	EP075	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by LC-Electrospray-MS-MS, Negative Mode using MRM using internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to a portion of soil which is then extracted with MTBE and an ion pairing reagent. A portion of extract is exchanged into the analytical solvent mixture, combined with an equal volume reagent water and filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.

Preparation Methods	Method	Matrix	Method Descriptions

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Preparation Methods	Method	Matrix	Method Descriptions
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ **Sydney Laboratory** Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066 02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory** Unit 1 21 Smalliwood Place Murarrie QLD 4172 07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory** Unit 2 91 Leach Highway Kewdale WA 6105 08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory** 6 Monterey Road Dandenong South VIC 3175 03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre
Contact Name	Jack Emblen	Project Manager	Nicholas Grbich
Phone №	0402 979 340	EDD Format (ESdat, EQuIS etc)	
Special Directions		Sampler(s)	Jack Emblen
Purchase Order		Handed over by	Jack Emblen
Quote ID №		Email for Invoice	Nicholas Grbich
		Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses Where metals are requested, please specify "Total" or "Filtered". SUITE code must be used to attract SUITE pricing

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Solid (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	20211217_T01	17/12/21	S	X			
2	20211217_T02	↓	↓	X			
3							
4							
5							
6							
7							
8							
9							
10							
	Total Counts						

Containers Change container type & size if necessary

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)	Sample Comments / Dangerous Goods Hazard Warning
								PLEASE SEND ALS *SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
								PLEASE SEND ALS **Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP

Required Turnaround Time (TAT) Default will be 5 days if not ticked.

♦Surcharge will apply

☐ Overnight (reporting by 9am)♦
☐ Same day♦ ☐ 1 day♦
☐ 2 days♦ ☐ 3 days♦
☐ 5 days (Standard)
☐ Other( )

Environmental Division Sydney
Work Order Reference
ES2147421

Telephone : +61-2-8784 8555

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Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal | Name | Signature | Date | Time

Laboratory Use Only: Received By: Bronyda | SYD | BNE | MEL | PER | ADL | NTL | DRW | Signature | Date: 30/12/21 | Time | Temperature

Received By: | SYD | BNE | MEL | PER | ADL | NTL | DRW | Signature | Date | Time | Temperature

Eurofins Environment Testing Australia Pty Ltd

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

QS3009_R10 Modified by: Dr. R Symons Approved by: G Jackson Approved on: 8 August 2019

852527

ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **ES2147422**	Page	: 1 of 15
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 30-Dec-2021 17:10
Order number	: ----	Date Analysis Commenced	: 31-Dec-2021
C-O-C number	: ----	Issue Date	: 11-Jan-2022 16:59
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 1		
No. of samples analysed	: 1		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Inorganics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Ivan Taylor	Analyst	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Sum of chlorinated hydrocarbons includes carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichlorothene, trans-1,2-dichlorothene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, hexachlorobutadiene and methylene chloride.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EP075: Where reported, 'Sum of PAH' is the sum of the USEPA 16 priority PAHs
- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS (Australian HEPA) and also conform to QSM 5.3 (US DoD) requirements.

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211221_T01	----	----	----	----
			Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2147422-001	--------	--------	--------	--------
				Result	----	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	**26.4**	----	----	----	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	**11**	----	----	----	----
Cadmium	7440-43-9	1	mg/kg	<1	----	----	----	----
Chromium	7440-47-3	2	mg/kg	**24**	----	----	----	----
Copper	7440-50-8	5	mg/kg	**22**	----	----	----	----
Lead	7439-92-1	5	mg/kg	**23**	----	----	----	----
Nickel	7440-02-0	2	mg/kg	**12**	----	----	----	----
Zinc	7440-66-6	5	mg/kg	**63**	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	----	----	----	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	----	----	----	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	----	----	----	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	----	----	----	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	----	----	----	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	----	----	----	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	----	----	----	----
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	----	----	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	----	----	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	----	----	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	----	----	----	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	----	----	----	----
Endrin	72-20-8	0.05	mg/kg	<0.05	----	----	----	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	----	----	----	----
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	----	----	----	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	----	----	----	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	----	----	----	----
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	----	----	----	----
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211221_T01	----	----	----	----
				Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2147422-001	--------	--------	--------	--------
					Result	----	----	----	----
EP068A: Organochlorine Pesticides (OC) - Continued									
Methoxychlor	72-43-5	0.2	mg/kg		<0.2	----	----	----	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg		<0.05	----	----	----	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg		<0.05	----	----	----	----
EP068B: Organophosphorus Pesticides (OP)									
Dichlorvos	62-73-7	0.05	mg/kg		<0.05	----	----	----	----
Demeton-S-methyl	919-86-8	0.05	mg/kg		<0.05	----	----	----	----
Monocrotophos	6923-22-4	0.2	mg/kg		<0.2	----	----	----	----
Dimethoate	60-51-5	0.05	mg/kg		<0.05	----	----	----	----
Diazinon	333-41-5	0.05	mg/kg		<0.05	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg		<0.05	----	----	----	----
Parathion-methyl	298-00-0	0.2	mg/kg		<0.2	----	----	----	----
Malathion	121-75-5	0.05	mg/kg		<0.05	----	----	----	----
Fenthion	55-38-9	0.05	mg/kg		<0.05	----	----	----	----
Chlorpyrifos	2921-88-2	0.05	mg/kg		<0.05	----	----	----	----
Parathion	56-38-2	0.2	mg/kg		<0.2	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg		<0.05	----	----	----	----
Chlorfenvinphos	470-90-6	0.05	mg/kg		<0.05	----	----	----	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg		<0.05	----	----	----	----
Fenamiphos	22224-92-6	0.05	mg/kg		<0.05	----	----	----	----
Prothiofos	34643-46-4	0.05	mg/kg		<0.05	----	----	----	----
Ethion	563-12-2	0.05	mg/kg		<0.05	----	----	----	----
Carbophenothion	786-19-6	0.05	mg/kg		<0.05	----	----	----	----
Azinphos Methyl	86-50-0	0.05	mg/kg		<0.05	----	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons									
Styrene	100-42-5	0.5	mg/kg		<0.5	----	----	----	----
Isopropylbenzene	98-82-8	0.5	mg/kg		<0.5	----	----	----	----
n-Propylbenzene	103-65-1	0.5	mg/kg		<0.5	----	----	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg		<0.5	----	----	----	----
sec-Butylbenzene	135-98-8	0.5	mg/kg		<0.5	----	----	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg		<0.5	----	----	----	----
tert-Butylbenzene	98-06-6	0.5	mg/kg		<0.5	----	----	----	----
p-Isopropyltoluene	99-87-6	0.5	mg/kg		<0.5	----	----	----	----
n-Butylbenzene	104-51-8	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211221_T01	----	----	----	----
			Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2147422-001	--------	--------	--------	--------
				Result	----	----	----	----
EP074B: Oxygenated Compounds								
Vinyl Acetate	108-05-4	5	mg/kg	<5	----	----	----	----
2-Butanone (MEK)	78-93-3	5	mg/kg	<5	----	----	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	----	----	----	----
2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	----	----	----	----
EP074C: Sulfonated Compounds								
Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	----	----	----	----
EP074D: Fumigants								
2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	----	----	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	----	----	----	----
trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	----	----	----	----
EP074E: Halogenated Aliphatic Compounds								
Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	----	----	----	----
Chloromethane	74-87-3	5	mg/kg	<5	----	----	----	----
Vinyl chloride	75-01-4	5	mg/kg	<5	----	----	----	----
Bromomethane	74-83-9	5	mg/kg	<5	----	----	----	----
Chloroethane	75-00-3	5	mg/kg	<5	----	----	----	----
Trichlorofluoromethane	75-69-4	5	mg/kg	<5	----	----	----	----
1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	----	----	----	----
Iodomethane	74-88-4	0.5	mg/kg	<0.5	----	----	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	----	----	----	----
1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	----	----	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	----	----	----	----
1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	----	----	----	----
1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	----	----	----	----
Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	----	----	----	----
Trichloroethene	79-01-6	0.5	mg/kg	<0.5	----	----	----	----
Dibromomethane	74-95-3	0.5	mg/kg	<0.5	----	----	----	----
1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	----	----	----	----
1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	----	----	----	----
Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	----	----	----	----
1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211221_T01	----	----	----	----
			Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2147422-001	--------	--------	--------	--------
				Result	----	----	----	----
EP074E: Halogenated Aliphatic Compounds - Continued								
trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	----	----	----	----
cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	----	----	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	----	----	----	----
Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	----	----	----	----
EP074F: Halogenated Aromatic Compounds								
Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	----	----	----	----
Bromobenzene	108-86-1	0.5	mg/kg	<0.5	----	----	----	----
2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	----	----	----	----
4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	----	----	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	----	----	----	----
EP074G: Trihalomethanes								
Chloroform	67-66-3	0.5	mg/kg	<0.5	----	----	----	----
Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	----	----	----	----
Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	----	----	----	----
Bromoform	75-25-2	0.5	mg/kg	<0.5	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	----	----	----	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211221_T01	----	----	----	----
			Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2147422-001	--------	--------	--------	--------
				Result	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued								
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	----	----	----	----
EP075A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	----	----	----	----
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	----	----	----	----
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	----	----	----	----
3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	----	----	----	----
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	----	----	----	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	----	----	----	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	----	----	----	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	----	----	----	----
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	----	----	----	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	----	----	----	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	----	----	----	----
Pentachlorophenol	87-86-5	1	mg/kg	<1	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	----	----	----	----
2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	----	----	----	----
2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	----	----	----	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	----	----	----	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	----	----	----	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	----	----	----	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	----	----	----	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	----	----	----	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	----	----	----	----
N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	----	----	----	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	----	----	----	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	----	----	----	----
Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	----	----	----	----
7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211221_T01	----	----	----	----
				Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2147422-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons - Continued									
3-Methylcholanthrene	56-49-5	0.5	mg/kg		<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg		<0.5	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg		<0.5	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg		<0.5	----	----	----	----
^ Sum of PAHs	----	0.5	mg/kg		<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg		<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg		**0.6**	----	----	----	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg		**1.2**	----	----	----	----
EP075C: Phthalate Esters									
Dimethyl phthalate	131-11-3	0.5	mg/kg		<0.5	----	----	----	----
Diethyl phthalate	84-66-2	0.5	mg/kg		<0.5	----	----	----	----
Di-n-butyl phthalate	84-74-2	0.5	mg/kg		<0.5	----	----	----	----
Butyl benzyl phthalate	85-68-7	0.5	mg/kg		<0.5	----	----	----	----
bis(2-ethylhexyl) phthalate	117-81-7	5.0	mg/kg		<5.0	----	----	----	----
Di-n-octylphthalate	117-84-0	0.5	mg/kg		<0.5	----	----	----	----
EP075D: Nitrosamines									
N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg		<0.5	----	----	----	----
N-Nitrosodiethylamine	55-18-5	0.5	mg/kg		<0.5	----	----	----	----
N-Nitrosopyrrolidine	930-55-2	1.0	mg/kg		<1.0	----	----	----	----
N-Nitrosomorpholine	59-89-2	0.5	mg/kg		<0.5	----	----	----	----
N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg		<0.5	----	----	----	----
N-Nitrosopiperidine	100-75-4	0.5	mg/kg		<0.5	----	----	----	----
N-Nitrosodibutylamine	924-16-3	0.5	mg/kg		<0.5	----	----	----	----
N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	1.0	mg/kg		<1.0	----	----	----	----
Methapyrilene	91-80-5	0.5	mg/kg		<0.5	----	----	----	----
EP075E: Nitroaromatics and Ketones									
2-Picoline	109-06-8	0.5	mg/kg		<0.5	----	----	----	----
Acetophenone	98-86-2	0.5	mg/kg		<0.5	----	----	----	----
Nitrobenzene	98-95-3	0.5	mg/kg		<0.5	----	----	----	----
Isophorone	78-59-1	0.5	mg/kg		<0.5	----	----	----	----
2.6-Dinitrotoluene	606-20-2	1.0	mg/kg		<1.0	----	----	----	----
2.4-Dinitrotoluene	121-14-2	1.0	mg/kg		<1.0	----	----	----	----
1-Naphthylamine	134-32-7	0.5	mg/kg		<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	20211221_T01	----	----	----	----
			Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2147422-001	--------	--------	--------	--------
				Result	----	----	----	----
EP075E: Nitroaromatics and Ketones - Continued								
4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	----	----	----	----
5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	----	----	----	----
Azobenzene	103-33-3	1	mg/kg	<1	----	----	----	----
1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	----	----	----	----
Phenacetin	62-44-2	0.5	mg/kg	<0.5	----	----	----	----
4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	----	----	----	----
Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	----	----	----	----
Pronamide	23950-58-5	0.5	mg/kg	<0.5	----	----	----	----
Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	----	----	----	----
Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	----	----	----	----
EP075F: Haloethers								
Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	----	----	----	----
Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	----	----	----	----
4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	----	----	----	----
4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	----	----	----	----
EP075G: Chlorinated Hydrocarbons								
1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	----	----	----	----
1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	----	----	----	----
1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	----	----	----	----
Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	----	----	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	----	----	----	----
Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	----	----	----	----
Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	1.0	mg/kg	<1.0	----	----	----	----
EP075H: Anilines and Benzidines								
Aniline	62-53-3	0.5	mg/kg	<0.5	----	----	----	----
4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	----	----	----	----
2-Nitroaniline	88-74-4	1.0	mg/kg	<1.0	----	----	----	----
3-Nitroaniline	99-09-2	1.0	mg/kg	<1.0	----	----	----	----
Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	----	----	----	----
4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	----	----	----	----
Carbazole	86-74-8	0.5	mg/kg	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211221_T01	----	----	----	----
				Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2147422-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075H: Anilines and Benzidines - Continued									
3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg		<0.5	----	----	----	----
EP075I: Organochlorine Pesticides									
alpha-BHC	319-84-6	0.5	mg/kg		<0.5	----	----	----	----
beta-BHC	319-85-7	0.5	mg/kg		<0.5	----	----	----	----
gamma-BHC	58-89-9	0.5	mg/kg		<0.5	----	----	----	----
delta-BHC	319-86-8	0.5	mg/kg		<0.5	----	----	----	----
Heptachlor	76-44-8	0.5	mg/kg		<0.5	----	----	----	----
Aldrin	309-00-2	0.5	mg/kg		<0.5	----	----	----	----
Heptachlor epoxide	1024-57-3	0.5	mg/kg		<0.5	----	----	----	----
alpha-Endosulfan	959-98-8	0.5	mg/kg		<0.5	----	----	----	----
4.4`-DDE	72-55-9	0.5	mg/kg		<0.5	----	----	----	----
Dieldrin	60-57-1	0.5	mg/kg		<0.5	----	----	----	----
Endrin	72-20-8	0.5	mg/kg		<0.5	----	----	----	----
beta-Endosulfan	33213-65-9	0.5	mg/kg		<0.5	----	----	----	----
4.4`-DDD	72-54-8	0.5	mg/kg		<0.5	----	----	----	----
Endosulfan sulfate	1031-07-8	0.5	mg/kg		<0.5	----	----	----	----
4.4`-DDT	50-29-3	1.0	mg/kg		<1.0	----	----	----	----
EP075J: Organophosphorus Pesticides									
Dichlorvos	62-73-7	0.5	mg/kg		<0.5	----	----	----	----
Dimethoate	60-51-5	0.5	mg/kg		<0.5	----	----	----	----
Diazinon	333-41-5	0.5	mg/kg		<0.5	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg		<0.5	----	----	----	----
Malathion	121-75-5	0.5	mg/kg		<0.5	----	----	----	----
Fenthion	55-38-9	0.5	mg/kg		<0.5	----	----	----	----
Chlorpyrifos	2921-88-2	0.5	mg/kg		<0.5	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.5	mg/kg		<0.5	----	----	----	----
Chlorfenvinphos	470-90-6	0.5	mg/kg		<0.5	----	----	----	----
Prothiofos	34643-46-4	0.5	mg/kg		<0.5	----	----	----	----
Ethion	563-12-2	0.5	mg/kg		<0.5	----	----	----	----
EP080/071: Total Petroleum Hydrocarbons									
C6 - C9 Fraction	----	10	mg/kg		<10	----	----	----	----
C10 - C14 Fraction	----	50	mg/kg		<50	----	----	----	----
C15 - C28 Fraction	----	100	mg/kg		<100	----	----	----	----
C29 - C36 Fraction	----	100	mg/kg		<100	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211221_T01	----	----	----	----
				Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2147422-001	--------	--------	--------	--------
					Result	----	----	----	----
EP080/071: Total Petroleum Hydrocarbons - Continued									
^ C10 - C36 Fraction (sum)	----	50	mg/kg		<50	----	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions									
C6 - C10 Fraction	C6_C10	10	mg/kg		<10	----	----	----	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg		<10	----	----	----	----
>C10 - C16 Fraction	----	50	mg/kg		<50	----	----	----	----
>C16 - C34 Fraction	----	100	mg/kg		<100	----	----	----	----
>C34 - C40 Fraction	----	100	mg/kg		<100	----	----	----	----
^ >C10 - C40 Fraction (sum)	----	50	mg/kg		<50	----	----	----	----
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg		<50	----	----	----	----
EP080: BTEXN									
Benzene	71-43-2	0.2	mg/kg		<0.2	----	----	----	----
Toluene	108-88-3	0.5	mg/kg		<0.5	----	----	----	----
Ethylbenzene	100-41-4	0.5	mg/kg		<0.5	----	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg		<0.5	----	----	----	----
ortho-Xylene	95-47-6	0.5	mg/kg		<0.5	----	----	----	----
^ Sum of BTEX	----	0.2	mg/kg		<0.2	----	----	----	----
^ Total Xylenes	----	0.5	mg/kg		<0.5	----	----	----	----
Naphthalene	91-20-3	1	mg/kg		<1	----	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids									
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg		**0.0005**	----	----	----	----
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg		**0.0052**	----	----	----	----
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg		<0.0002	----	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids									
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg		<0.001	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211221_T01	----	----	----	----
				Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2147422-001	--------	--------	--------	--------
					Result	----	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids - Continued									
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg		**0.0003**	----	----	----	----
Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg		<0.0005	----	----	----	----
EP231C: Perfluoroalkyl Sulfonamides									
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg		<0.0002	----	----	----	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg		<0.0005	----	----	----	----
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg		<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg		<0.0005	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg		<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg		<0.0002	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg		<0.0002	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids									
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg		<0.0005	----	----	----	----
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg		<0.0005	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211221_T01	----	----	----	----
				Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2147422-001	--------	--------	--------	--------
					Result	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued									
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg		<0.0005	----	----	----	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg		<0.0005	----	----	----	----
EP231P: PFAS Sums									
Sum of PFAS	----	0.0002	mg/kg		**0.0060**	----	----	----	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg		**0.0057**	----	----	----	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg		**0.0060**	----	----	----	----
EP068S: Organochlorine Pesticide Surrogate									
Dibromo-DDE	21655-73-2	0.05	%		**111**	----	----	----	----
EP068T: Organophosphorus Pesticide Surrogate									
DEF	78-48-8	0.05	%		**129**	----	----	----	----
EP074S: VOC Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.5	%		**86.3**	----	----	----	----
Toluene-D8	2037-26-5	0.5	%		**89.7**	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.5	%		**66.0**	----	----	----	----
EP075(SIM)S: Phenolic Compound Surrogates									
Phenol-d6	13127-88-3	0.5	%		**84.5**	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%		**89.7**	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%		**61.0**	----	----	----	----
EP075(SIM)T: PAH Surrogates									
2-Fluorobiphenyl	321-60-8	0.5	%		**104**	----	----	----	----
Anthracene-d10	1719-06-8	0.5	%		**107**	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%		**103**	----	----	----	----
EP075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	0.5	%		**118**	----	----	----	----
Phenol-d6	13127-88-3	0.5	%		**91.2**	----	----	----	----
2-Chlorophenol-D4	93951-73-6	0.5	%		**97.5**	----	----	----	----
2.4.6-Tribromophenol	118-79-6	0.5	%		**61.5**	----	----	----	----
EP075T: Base/Neutral Extractable Surrogates									
Nitrobenzene-D5	4165-60-0	0.5	%		**104**	----	----	----	----
1.2-Dichlorobenzene-D4	2199-69-1	0.5	%		**101**	----	----	----	----
2-Fluorobiphenyl	321-60-8	0.5	%		**89.6**	----	----	----	----

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Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	20211221_T01	----	----	----	----
				Sampling date / time	21-Dec-2021 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2147422-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075T: Base/Neutral Extractable Surrogates - Continued									
Anthracene-d10	1719-06-8	0.5	%		**123**	----	----	----	----
4-Terphenyl-d14	1718-51-0	0.5	%		**107**	----	----	----	----
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.2	%		**83.9**	----	----	----	----
Toluene-D8	2037-26-5	0.2	%		**88.3**	----	----	----	----
4-Bromofluorobenzene	460-00-4	0.2	%		**72.6**	----	----	----	----
EP231S: PFAS Surrogate									
13C4-PFOS	----	0.0002	%		**98.0**	----	----	----	----
13C8-PFOA	----	0.0002	%		**98.5**	----	----	----	----

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Surrogate Control Limits

Sub-Matrix: **SOIL**

Compound	CAS Number	Recovery Limits (%) Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP074S: VOC Surrogates			
1.2-Dichloroethane-D4	17060-07-0	64	130
Toluene-D8	2037-26-5	66	136
4-Bromofluorobenzene	460-00-4	60	122
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	29	149
Phenol-d6	13127-88-3	32	128
2-Chlorophenol-D4	93951-73-6	32	128
2.4.6-Tribromophenol	118-79-6	13	121
EP075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-D5	4165-60-0	33	125
1.2-Dichlorobenzene-D4	2199-69-1	34	108
2-Fluorobiphenyl	321-60-8	35	121
Anthracene-d10	1719-06-8	35	123
4-Terphenyl-d14	1718-51-0	33	125
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	73	133
Toluene-D8	2037-26-5	74	132
4-Bromofluorobenzene	460-00-4	72	130
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

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ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **ES2147422**	Page	: 1 of 23
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Monica Wright
Address	: UNIT 11/277 LANE COVE ROAD MACQUARIE PARK 2113	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 30-Dec-2021
Order number	: ----	Date Analysis Commenced	: 31-Dec-2021
C-O-C number	: ----	Issue Date	: 11-Jan-2022
Sampler	: JACK EMBLEN		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 1		
No. of samples analysed	: 1		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Inorganics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW
Ivan Taylor	Analyst	Sydney Inorganics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 4109590)									
EB2137335-002	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	86	82	4.7	0% - 20%
		EG005T: Nickel	7440-02-0	2	mg/kg	36	32	10.6	0% - 50%
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	56	53	6.0	0% - 50%
		EG005T: Lead	7439-92-1	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	13	15	16.1	No Limit
ES2143947-108	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	11	11	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	10	9	12.6	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	18	18	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	9	8	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	8	7	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	10	8	16.2	No Limit
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4104829)									
ES2147422-001	20211221_T01	EA055: Moisture Content	----	0.1	%	26.4	25.8	2.0	0% - 20%
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 4109591)									
EB2137335-002	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
ES2143947-108	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4104384)									
ES2147421-001	Anonymous	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP068A: Organochlorine Pesticides (OC) (QC Lot: 4104384) - continued									
ES2147421-001	Anonymous	EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 4104384)									
ES2147421-001	Anonymous	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4104609)									
ES2147421-001	Anonymous	EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4104609) - continued									
ES2147421-001	Anonymous	EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 4104609)									
ES2147421-001	Anonymous	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 4104609)									
ES2147421-001	Anonymous	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074D: Fumigants (QC Lot: 4104609)									
ES2147421-001	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4104609)									
ES2147421-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4104609) - continued									
ES2147421-001	Anonymous	EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 4104609)									
ES2147421-001	Anonymous	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 4104609)									
ES2147421-001	Anonymous	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4104380)									
ES2147421-001	Anonymous	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4104380) - continued									
ES2147421-001	Anonymous	EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075A: Phenolic Compounds (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	<1	0.0	No Limit
EP075B: Polynuclear Aromatic Hydrocarbons (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	<1	0.0	No Limit
EP075C: Phthalate Esters (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report					
				LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP075C: Phthalate Esters (QC Lot: 4104381) - continued									
ES2147421-001	Anonymous	EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075D: Nitrosamines (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075E: Nitroaromatics and Ketones (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Azobenzene	103-33-3	1	mg/kg	<1	<1	0.0	No Limit
EP075F: Haloethers (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075G: Chlorinated Hydrocarbons (QC Lot: 4104381)									

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075G: Chlorinated Hydrocarbons (QC Lot: 4104381) - continued									
ES2147421-001	Anonymous	EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	<2.5	0.0	No Limit
EP075H: Anilines and Benzidines (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
		EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075I: Organochlorine Pesticides (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<1.0	<1.0	0.0	No Limit
EP075J: Organophosphorus Pesticides (QC Lot: 4104381)									
ES2147421-001	Anonymous	EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP075J: Organophosphorus Pesticides (QC Lot: 4104381) - continued									
ES2147421-001	Anonymous	EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4104377)									
ES2147421-001	Anonymous	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4104610)									
ES2147421-001	Anonymous	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4104377)									
ES2147421-001	Anonymous	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4104610)									
ES2147421-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
EP080: BTEXN (QC Lot: 4104610)									
ES2147421-001	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0016	0.0008	62.7	No Limit
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
ES2200034-001	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	0.0460	0.0475	3.3	0% - 20%
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0082	0.0070	16.3	0% - 20%

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4107625) - continued									
ES2200034-001	Anonymous	EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	0.0003	0.0003	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
ES2200034-001	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2200034-001	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit

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Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4107625) - continued									
ES2200034-001	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4107625)									
ES2145263-002	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2200034-001	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	0.0035	0.0037	7.5	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit

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Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4109590)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	121.1 mg/kg	97.2	88.0	113
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	0.74 mg/kg	77.5	70.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	19.6 mg/kg	107	68.0	132
EG005T: Copper	7440-50-8	5	mg/kg	<5	52.9 mg/kg	104	89.0	111
EG005T: Lead	7439-92-1	5	mg/kg	<5	60.8 mg/kg	101	82.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.3 mg/kg	97.1	80.0	120
EG005T: Zinc	7440-66-6	5	mg/kg	<5	139.3 mg/kg	89.1	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4109591)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.087 mg/kg	86.8	70.0	125
EP068A: Organochlorine Pesticides (OC) (QCLot: 4104384)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	99.1	69.0	113
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	89.4	65.0	117
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	100	67.0	119
EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	68.0	116
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	95.4	65.0	117
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	97.9	67.0	115
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	104	69.0	115
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	85.8	62.0	118
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	77.0	63.0	117
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	107	66.0	116
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	72.8	64.0	116
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	108	66.0	116
EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	67.0	115
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	110	67.0	123
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	87.3	69.0	115
EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	102	69.0	121
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	86.6	56.0	120
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	105	62.0	124
EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	97.5	66.0	120
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	75.2	64.0	122
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	96.8	54.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	101	59.0	119
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	103	62.0	128

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384) - continued								
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	97.4	54.0	126
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	92.2	67.0	119
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	104	70.0	120
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	85.1	72.0	120
EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	82.6	68.0	120
EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	102	68.0	122
EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	84.6	69.0	117
EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	0.5 mg/kg	97.6	76.0	118
EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	81.7	64.0	122
EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	74.1	70.0	116
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	101	69.0	121
EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	0.5 mg/kg	79.6	66.0	118
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.5 mg/kg	79.7	68.0	124
EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	94.1	62.0	112
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	90.0	68.0	120
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	0.5 mg/kg	90.5	65.0	127
EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	81.5	41.0	123
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 4104609)								
EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	1 mg/kg	91.6	67.0	113
EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	1 mg/kg	97.0	65.0	117
EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	1 mg/kg	95.9	66.0	122
EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	1 mg/kg	95.2	68.0	118
EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	1 mg/kg	94.5	69.0	119
EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	1 mg/kg	94.1	69.0	117
EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	1 mg/kg	96.2	69.0	115
EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	1 mg/kg	94.4	66.0	118
EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	1 mg/kg	95.4	59.0	125
EP074B: Oxygenated Compounds (QCLot: 4104609)								
EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	10 mg/kg	97.2	29.6	156
EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	10 mg/kg	106	58.0	136
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	10 mg/kg	95.0	62.0	132
EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	10 mg/kg	103	54.0	136
EP074C: Sulfonated Compounds (QCLot: 4104609)								
EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	1 mg/kg	92.8	54.0	126
EP074D: Fumigants (QCLot: 4104609)								
EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	1 mg/kg	96.5	60.0	126
EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	1 mg/kg	99.2	68.0	124
EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	1 mg/kg	98.7	51.0	119

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074D: Fumigants (QCLot: 4104609) - continued								
EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	1 mg/kg	94.7	52.0	114
EP074: 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	1 mg/kg	93.3	63.0	115
EP074E: Halogenated Aliphatic Compounds (QCLot: 4104609)								
EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	10 mg/kg	93.7	30.0	148
EP074: Chloromethane	74-87-3	5	mg/kg	<5	10 mg/kg	95.5	41.0	141
EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	10 mg/kg	95.7	43.0	147
EP074: Bromomethane	74-83-9	5	mg/kg	<5	10 mg/kg	92.0	47.0	141
EP074: Chloroethane	75-00-3	5	mg/kg	<5	10 mg/kg	91.3	49.0	143
EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	10 mg/kg	94.4	49.0	135
EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	1 mg/kg	96.6	54.0	126
EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	1 mg/kg	89.6	43.0	129
EP074: trans-1.2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	1 mg/kg	96.7	64.0	120
EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	1 mg/kg	97.0	67.0	125
EP074: cis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	1 mg/kg	94.4	69.0	121
EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	1 mg/kg	97.0	65.0	117
EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	1 mg/kg	99.6	65.0	123
EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	1 mg/kg	97.4	59.0	125
EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	1 mg/kg	97.5	65.0	125
EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	1 mg/kg	95.8	70.0	118
EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	1 mg/kg	94.0	68.0	118
EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	1 mg/kg	94.9	64.0	126
EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	1 mg/kg	91.0	68.0	122
EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	1 mg/kg	93.4	67.0	143
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	1 mg/kg	96.0	62.0	122
EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	1 mg/kg	98.4	54.0	128
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	1 mg/kg	89.3	55.0	129
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	1 mg/kg	92.9	65.0	121
EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	1 mg/kg	94.9	61.0	125
EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	1 mg/kg	95.4	19.8	134
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	1 mg/kg	83.9	53.0	129
EP074F: Halogenated Aromatic Compounds (QCLot: 4104609)								
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	1 mg/kg	94.7	68.0	116
EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	1 mg/kg	99.1	70.0	114
EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	1 mg/kg	96.4	68.0	122
EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	1 mg/kg	98.6	67.0	123
EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	1 mg/kg	103	52.0	122
EP074G: Trihalomethanes (QCLot: 4104609)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	1 mg/kg	96.1	66.0	124

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074G: Trihalomethanes (QCLot: 4104609) - continued								
EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	1 mg/kg	97.1	61.0	121
EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	1 mg/kg	94.9	63.0	121
EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	1 mg/kg	92.3	60.0	126
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104380)								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	6 mg/kg	96.2	77.0	125
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	6 mg/kg	99.8	72.0	124
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	6 mg/kg	96.0	73.0	127
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	6 mg/kg	98.2	72.0	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	6 mg/kg	102	75.0	127
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	6 mg/kg	94.9	77.0	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	6 mg/kg	102	73.0	127
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	6 mg/kg	98.4	74.0	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	6 mg/kg	99.7	69.0	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	6 mg/kg	99.8	75.0	127
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	6 mg/kg	101	68.0	116
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	6 mg/kg	97.7	74.0	126
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	6 mg/kg	98.2	70.0	126
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	6 mg/kg	97.5	61.0	121
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	6 mg/kg	97.9	62.0	118
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	6 mg/kg	96.3	63.0	121
EP075A: Phenolic Compounds (QCLot: 4104381)								
EP075: Phenol	108-95-2	0.5	mg/kg	<0.5	1.5 mg/kg	83.8	64.0	114
EP075: 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	1.5 mg/kg	88.2	57.0	115
EP075: 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	1.5 mg/kg	100.0	55.0	117
EP075: 3- & 4-Methylphenol	1319-77-3	0.5	mg/kg	<0.5	1.5 mg/kg	92.2	46.0	122
EP075: 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	47.0	117
EP075: 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	1.5 mg/kg	104	13.7	108
EP075: 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	1.5 mg/kg	100	47.0	105
EP075: 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	1.5 mg/kg	104	48.0	110
EP075: 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	1.5 mg/kg	111	57.0	113
EP075: 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	1.5 mg/kg	103	49.0	109
EP075: 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	1.5 mg/kg	# 108	49.0	107
EP075: Pentachlorophenol	87-86-5	1	mg/kg	<1	3 mg/kg	43.3	12.0	76.0
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104381)								
EP075: Naphthalene	91-20-3	0.5	mg/kg	<0.5	1.5 mg/kg	108	62.0	118
EP075: 2-Methylnaphthalene	91-57-6	0.5	mg/kg	<0.5	1.5 mg/kg	104	58.0	116
EP075: 2-Chloronaphthalene	91-58-7	0.5	mg/kg	<0.5	1.5 mg/kg	# 116	54.0	112

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104381) - continued								
EP075: Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	1.5 mg/kg	# 115	56.0	114
EP075: Acenaphthene	83-32-9	0.5	mg/kg	<0.5	1.5 mg/kg	108	62.0	112
EP075: Fluorene	86-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	# 118	59.0	115
EP075: Phenanthrene	85-01-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	63.0	113
EP075: Anthracene	120-12-7	0.5	mg/kg	<0.5	1.5 mg/kg	107	57.0	111
EP075: Fluoranthene	206-44-0	0.5	mg/kg	<0.5	1.5 mg/kg	105	58.0	114
EP075: Pyrene	129-00-0	0.5	mg/kg	<0.5	1.5 mg/kg	107	57.0	117
EP075: N-2-Fluorenyl Acetamide	53-96-3	0.5	mg/kg	<0.5	1.5 mg/kg	91.2	58.0	114
EP075: Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	101	59.0	115
EP075: Chrysene	218-01-9	0.5	mg/kg	<0.5	1.5 mg/kg	99.4	61.0	117
EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	1	mg/kg	<1	3 mg/kg	100.0	57.0	119
EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	0.5	mg/kg	<0.5	1.5 mg/kg	# 109	48.1	106
EP075: Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	1.5 mg/kg	99.7	56.0	116
EP075: 3-Methylcholanthrene	56-49-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	50.0	116
EP075: Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	1.5 mg/kg	99.5	55.0	117
EP075: Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	1.5 mg/kg	99.5	53.0	119
EP075: Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	1.5 mg/kg	96.1	56.0	120
EP075C: Phthalate Esters (QCLot: 4104381)								
EP075: Dimethyl phthalate	131-11-3	0.5	mg/kg	<0.5	1.5 mg/kg	118	60.0	118
EP075: Diethyl phthalate	84-66-2	0.5	mg/kg	<0.5	1.5 mg/kg	115	65.0	115
EP075: Di-n-butyl phthalate	84-74-2	0.5	mg/kg	<0.5	1.5 mg/kg	98.8	65.0	121
EP075: Butyl benzyl phthalate	85-68-7	0.5	mg/kg	<0.5	1.5 mg/kg	100	62.0	116
EP075: bis(2-ethylhexyl) phthalate	117-81-7	----	mg/kg	----	1.5 mg/kg	103	69.0	133
EP075: Di-n-octylphthalate	117-84-0	0.5	mg/kg	<0.5	1.5 mg/kg	99.3	62.0	124
EP075D: Nitrosamines (QCLot: 4104381)								
EP075: N-Nitrosomethylethylamine	10595-95-6	0.5	mg/kg	<0.5	1.5 mg/kg	85.3	39.4	124
EP075: N-Nitrosodiethylamine	55-18-5	0.5	mg/kg	<0.5	1.5 mg/kg	91.3	59.0	117
EP075: N-Nitrosopyrrolidine	930-55-2	0.5	mg/kg	<0.5	1.5 mg/kg	110	53.0	125
EP075: N-Nitrosomorpholine	59-89-2	0.5	mg/kg	<0.5	1.5 mg/kg	110	65.0	121
EP075: N-Nitrosodi-n-propylamine	621-64-7	0.5	mg/kg	<0.5	1.5 mg/kg	103	59.0	123
EP075: N-Nitrosopiperidine	100-75-4	0.5	mg/kg	<0.5	1.5 mg/kg	109	57.0	115
EP075: N-Nitrosodibutylamine	924-16-3	0.5	mg/kg	<0.5	1.5 mg/kg	102	57.0	119
EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	0.5	mg/kg	<0.6	3 mg/kg	# 114	42.0	112
EP075: Methapyrilene	91-80-5	0.5	mg/kg	<0.5	1.5 mg/kg	102	16.3	123
EP075E: Nitroaromatics and Ketones (QCLot: 4104381)								
EP075: 2-Picoline	109-06-8	0.5	mg/kg	<0.5	1.5 mg/kg	71.3	27.3	129

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075E: Nitroaromatics and Ketones (QCLot: 4104381) - continued								
EP075: Acetophenone	98-86-2	0.5	mg/kg	<0.5	1.5 mg/kg	101	60.0	116
EP075: Nitrobenzene	98-95-3	0.5	mg/kg	<0.5	1.5 mg/kg	104	65.0	119
EP075: Isophorone	78-59-1	0.5	mg/kg	<0.5	1.5 mg/kg	105	62.0	116
EP075: 2.6-Dinitrotoluene	606-20-2	0.5	mg/kg	<0.5	1.5 mg/kg	116	58.0	118
EP075: 2.4-Dinitrotoluene	121-14-2	0.5	mg/kg	<0.5	1.5 mg/kg	104	59.0	115
EP075: 1-Naphthylamine	134-32-7	0.5	mg/kg	<0.5	1.5 mg/kg	47.2	18.0	112
EP075: 4-Nitroquinoline-N-oxide	56-57-5	0.5	mg/kg	<0.5	1.5 mg/kg	79.0	10.0	87.0
EP075: 5-Nitro-o-toluidine	99-55-8	0.5	mg/kg	<0.5	1.5 mg/kg	# 99.8	48.3	98.5
EP075: Azobenzene	103-33-3	1	mg/kg	<1	1.5 mg/kg	108	62.0	118
EP075: 1.3.5-Trinitrobenzene	99-35-4	0.5	mg/kg	<0.5	1.5 mg/kg	80.2	36.0	114
EP075: Phenacetin	62-44-2	0.5	mg/kg	<0.5	1.5 mg/kg	98.4	62.0	114
EP075: 4-Aminobiphenyl	92-67-1	0.5	mg/kg	<0.5	1.5 mg/kg	74.0	36.1	102
EP075: Pentachloronitrobenzene	82-68-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	56.0	110
EP075: Pronamide	23950-58-5	0.5	mg/kg	<0.5	1.5 mg/kg	104	54.0	110
EP075: Dimethylaminoazobenzene	60-11-7	0.5	mg/kg	<0.5	1.5 mg/kg	102	48.0	108
EP075: Chlorobenzilate	510-15-6	0.5	mg/kg	<0.5	1.5 mg/kg	100	57.4	112
EP075F: Haloethers (QCLot: 4104381)								
EP075: Bis(2-chloroethyl) ether	111-44-4	0.5	mg/kg	<0.5	1.5 mg/kg	88.4	63.0	121
EP075: Bis(2-chloroethoxy) methane	111-91-1	0.5	mg/kg	<0.5	1.5 mg/kg	99.1	59.0	115
EP075: 4-Chlorophenyl phenyl ether	7005-72-3	0.5	mg/kg	<0.5	1.5 mg/kg	# 113	58.0	112
EP075: 4-Bromophenyl phenyl ether	101-55-3	0.5	mg/kg	<0.5	1.5 mg/kg	# 111	58.0	110
EP075G: Chlorinated Hydrocarbons (QCLot: 4104381)								
EP075: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	1.5 mg/kg	97.9	58.0	112
EP075: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	1.5 mg/kg	105	58.0	116
EP075: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	1.5 mg/kg	103	57.0	115
EP075: Hexachloroethane	67-72-1	0.5	mg/kg	<0.5	1.5 mg/kg	115	54.0	116
EP075: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	1.5 mg/kg	101	62.9	108
EP075: Hexachloropropylene	1888-71-7	0.5	mg/kg	<0.5	1.5 mg/kg	# 116	39.1	110
EP075: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	1.5 mg/kg	95.7	59.0	117
EP075: Hexachlorocyclopentadiene	77-47-4	2.5	mg/kg	<2.5	1.5 mg/kg	46.7	24.3	108
EP075: Pentachlorobenzene	608-93-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	57.0	109
EP075: Hexachlorobenzene (HCB)	118-74-1	0.5	mg/kg	<0.5	1.5 mg/kg	106	59.0	111
EP075H: Anilines and Benzidines (QCLot: 4104381)								
EP075: Aniline	62-53-3	0.5	mg/kg	<0.5	1.5 mg/kg	83.2	13.2	108
EP075: 4-Chloroaniline	106-47-8	0.5	mg/kg	<0.5	1.5 mg/kg	43.8	20.5	99.0
EP075: 2-Nitroaniline	88-74-4	0.5	mg/kg	<0.5	1.5 mg/kg	110	52.0	112
EP075: 3-Nitroaniline	99-09-2	0.5	mg/kg	<0.5	1.5 mg/kg	91.5	31.5	93.7
EP075: Dibenzofuran	132-64-9	0.5	mg/kg	<0.5	1.5 mg/kg	108	60.0	110

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075H: Anilines and Benzidines (QCLot: 4104381) - continued								
EP075: 4-Nitroaniline	100-01-6	0.5	mg/kg	<0.5	1.5 mg/kg	79.9	42.0	112
EP075: Carbazole	86-74-8	0.5	mg/kg	<0.5	1.5 mg/kg	104	59.0	111
EP075: 3.3`-Dichlorobenzidine	91-94-1	0.5	mg/kg	<0.5	1.5 mg/kg	83.8	23.1	113
EP075I: Organochlorine Pesticides (QCLot: 4104381)								
EP075: alpha-BHC	319-84-6	0.5	mg/kg	<0.5	1.5 mg/kg	104	63.0	113
EP075: beta-BHC	319-85-7	0.5	mg/kg	<0.5	1.5 mg/kg	102	57.0	113
EP075: gamma-BHC	58-89-9	0.5	mg/kg	<0.5	1.5 mg/kg	112	61.0	117
EP075: delta-BHC	319-86-8	0.5	mg/kg	<0.5	1.5 mg/kg	101	64.0	118
EP075: Heptachlor	76-44-8	0.5	mg/kg	<0.5	1.5 mg/kg	102	55.0	115
EP075: Aldrin	309-00-2	0.5	mg/kg	<0.5	1.5 mg/kg	101	61.0	115
EP075: Heptachlor epoxide	1024-57-3	0.5	mg/kg	<0.5	1.5 mg/kg	100	56.0	118
EP075: alpha-Endosulfan	959-98-8	0.5	mg/kg	<0.5	1.5 mg/kg	106	65.0	125
EP075: 4.4`-DDE	72-55-9	0.5	mg/kg	<0.5	1.5 mg/kg	104	60.0	116
EP075: Dieldrin	60-57-1	0.5	mg/kg	<0.5	1.5 mg/kg	104	64.0	118
EP075: Endrin	72-20-8	0.5	mg/kg	<0.5	1.5 mg/kg	108	53.0	117
EP075: beta-Endosulfan	33213-65-9	0.5	mg/kg	<0.5	1.5 mg/kg	102	65.0	115
EP075: 4.4`-DDD	72-54-8	0.5	mg/kg	<0.5	1.5 mg/kg	104	62.0	118
EP075: Endosulfan sulfate	1031-07-8	0.5	mg/kg	<0.5	1.5 mg/kg	113	63.0	129
EP075: 4.4`-DDT	50-29-3	0.5	mg/kg	<0.5	1.5 mg/kg	98.4	46.0	122
EP075J: Organophosphorus Pesticides (QCLot: 4104381)								
EP075: Dichlorvos	62-73-7	0.5	mg/kg	<0.5	1.5 mg/kg	73.2	46.0	112
EP075: Dimethoate	60-51-5	0.5	mg/kg	<0.5	1.5 mg/kg	101	63.0	119
EP075: Diazinon	333-41-5	0.5	mg/kg	<0.5	1.5 mg/kg	103	68.0	134
EP075: Chlorpyrifos-methyl	5598-13-0	0.5	mg/kg	<0.5	1.5 mg/kg	102	60.0	130
EP075: Malathion	121-75-5	0.5	mg/kg	<0.5	1.5 mg/kg	106	65.0	127
EP075: Fenthion	55-38-9	0.5	mg/kg	<0.5	1.5 mg/kg	104	60.0	116
EP075: Chlorpyrifos	2921-88-2	0.5	mg/kg	<0.5	1.5 mg/kg	103	63.0	113
EP075: Pirimphos-ethyl	23505-41-1	0.5	mg/kg	<0.5	1.5 mg/kg	103	65.0	115
EP075: Chlorfenvinphos	470-90-6	0.5	mg/kg	<0.5	1.5 mg/kg	97.3	59.0	103
EP075: Prothiofos	34643-46-4	0.5	mg/kg	<0.5	1.5 mg/kg	105	59.0	119
EP075: Ethion	563-12-2	0.5	mg/kg	<0.5	1.5 mg/kg	105	62.0	118
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104377)								
EP071: C10 - C14 Fraction	----	50	mg/kg	<50	300 mg/kg	107	75.0	129
EP071: C15 - C28 Fraction	----	100	mg/kg	<100	450 mg/kg	95.7	77.0	131
EP071: C29 - C36 Fraction	----	100	mg/kg	<100	300 mg/kg	81.3	71.0	129
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104610)								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	26 mg/kg	70.5	68.4	128
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377)								

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377) - continued								
EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	375 mg/kg	81.2	77.0	125
EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	525 mg/kg	82.0	74.0	138
EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	225 mg/kg	84.3	63.0	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104610)								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	31 mg/kg	69.4	68.4	128
EP080: BTEXN (QCLot: 4104610)								
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	91.2	62.0	116
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	89.4	67.0	121
EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	80.4	65.0	117
EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	83.7	66.0	118
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	82.7	68.0	120
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	86.3	63.0	119
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4107625)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	122	72.0	128
EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	114	73.0	123
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	109	67.0	130
EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	118	70.0	132
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	113	68.0	136
EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4107625)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	102	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	115	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	121	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	118	69.0	133
EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	116	72.0	129
EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	0.00125 mg/kg	121	69.0	133
EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	64.0	136
EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	120	69.0	135
EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	112	66.0	139
EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	107	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625)								
EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	112	67.0	137
EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	0.00312 mg/kg	122	71.6	129
EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	120	69.8	131
EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	89.6	68.7	130

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625) - continued								
EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	92.0	65.1	134
EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	116	63.0	144
EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	118	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4107625)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	109	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	113	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	117	65.0	137
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	91.2	69.2	143

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%): MS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 4109590)							
EB2137335-002	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	89.8	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	91.1	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	86.1	68.0	132
		EG005T: Copper	7440-50-8	250 mg/kg	94.6	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	90.8	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	82.4	70.0	130
		EG005T: Zinc	7440-66-6	250 mg/kg	88.9	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 4109591)							
EB2137335-002	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	96.7	70.0	130
EP068A: Organochlorine Pesticides (OC) (QCLot: 4104384)							
ES2147421-001	Anonymous	EP068: gamma-BHC	58-89-9	0.5 mg/kg	89.9	70.0	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	80.7	70.0	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	108	70.0	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	117	70.0	130
		EP068: Endrin	72-20-8	2 mg/kg	99.6	70.0	130
		EP068: 4.4`-DDT	50-29-3	2 mg/kg	91.4	70.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384)							
ES2147421-001	Anonymous	EP068: Diazinon	333-41-5	0.5 mg/kg	99.4	70.0	130

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4104384) - continued							
ES2147421-001	Anonymous	EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	102	70.0	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	90.5	70.0	130
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	81.5	70.0	130
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	90.8	70.0	130
EP074E: Halogenated Aliphatic Compounds (QCLot: 4104609)							
ES2147421-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	2.5 mg/kg	74.4	70.0	130
		EP074: Trichloroethene	79-01-6	2.5 mg/kg	82.2	70.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 4104609)							
ES2147421-001	Anonymous	EP074: Chlorobenzene	108-90-7	2.5 mg/kg	92.3	70.0	130
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104380)							
ES2147421-001	Anonymous	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	92.9	70.0	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	97.4	70.0	130
EP075A: Phenolic Compounds (QCLot: 4104381)							
ES2147421-001	Anonymous	EP075: Phenol	108-95-2	10 mg/kg	108	60.0	130
		EP075: 2-Chlorophenol	95-57-8	10 mg/kg	106	60.0	130
		EP075: 2-Nitrophenol	88-75-5	10 mg/kg	115	50.0	130
		EP075: 4-Chloro-3-methylphenol	59-50-7	10 mg/kg	122	50.0	130
		EP075: Pentachlorophenol	87-86-5	10 mg/kg	45.8	10.0	130
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4104381)							
ES2147421-001	Anonymous	EP075: Acenaphthene	83-32-9	10 mg/kg	122	50.0	130
		EP075: Pyrene	129-00-0	10 mg/kg	110	50.0	130
EP075D: Nitrosamines (QCLot: 4104381)							
ES2147421-001	Anonymous	EP075: N-Nitrosodi-n-propylamine	621-64-7	10 mg/kg	115	50.0	130
EP075E: Nitroaromatics and Ketones (QCLot: 4104381)							
ES2147421-001	Anonymous	EP075: 2.4-Dinitrotoluene	121-14-2	10 mg/kg	125	40.0	130
EP075G: Chlorinated Hydrocarbons (QCLot: 4104381)							
ES2147421-001	Anonymous	EP075: 1.4-Dichlorobenzene	106-46-7	10 mg/kg	116	60.0	130
		EP075: 1.2.4-Trichlorobenzene	120-82-1	10 mg/kg	107	50.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104377)							
ES2147421-001	Anonymous	EP071: C10 - C14 Fraction	----	480 mg/kg	97.1	73.0	137
		EP071: C15 - C28 Fraction	----	3100 mg/kg	114	53.0	131
		EP071: C29 - C36 Fraction	----	2060 mg/kg	119	52.0	132
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4104610)							
ES2147421-001	Anonymous	EP080: C6 - C9 Fraction	----	32.5 mg/kg	83.4	70.0	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377)							

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104377) - continued							
ES2147421-001	Anonymous	EP071: >C10 - C16 Fraction	----	860 mg/kg	90.1	73.0	137
		EP071: >C16 - C34 Fraction	----	4320 mg/kg	119	53.0	131
		EP071: >C34 - C40 Fraction	----	890 mg/kg	120	52.0	132
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4104610)							
ES2147421-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	83.7	70.0	130
EP080: BTEXN (QCLot: 4104610)							
ES2147421-001	Anonymous	EP080: Benzene	71-43-2	2.5 mg/kg	77.3	70.0	130
		EP080: Toluene	108-88-3	2.5 mg/kg	76.7	70.0	130
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	80.4	70.0	130
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	80.4	70.0	130
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	83.0	70.0	130
		EP080: Naphthalene	91-20-3	2.5 mg/kg	82.4	70.0	130
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	120	72.0	128
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.00125 mg/kg	119	73.0	123
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	104	67.0	130
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.00125 mg/kg	120	70.0	132
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	96.4	68.0	136
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.00125 mg/kg	115	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	103	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	112	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	117	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	118	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	130	69.0	133
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.00125 mg/kg	116	72.0	129
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.00125 mg/kg	115	69.0	133
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.00125 mg/kg	118	64.0	136
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.00125 mg/kg	114	69.0	135
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.00125 mg/kg	120	66.0	139
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.00312 mg/kg	110	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.00125 mg/kg	113	67.0	137
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.00312 mg/kg	121	71.6	129
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.00312 mg/kg	113	69.8	131

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Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4107625) - continued							
ES2145263-002	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.00312 mg/kg	99.2	68.7	130
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.00312 mg/kg	97.4	65.1	134
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.00125 mg/kg	116	63.0	144
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.00125 mg/kg	118	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4107625)							
ES2145263-002	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	109	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	118	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	124	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	80.8	69.2	143

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ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2147422**	Page	: 1 of 9
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Telephone	: +61-2-8784 8555
Project	: 0571466 Bradfield City Centre	Date Samples Received	: 30-Dec-2021
Site	: ----	Issue Date	: 11-Jan-2022
Sampler	: JACK EMBLEN	No. of samples received	: 1
Order number	: ----	No. of samples analysed	: 1

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Duplicate outliers occur.**
- **NO Matrix Spike outliers occur.**
- **Laboratory Control outliers exist - please see following pages for full details.**
- **For all regular sample matrices, NO surrogate recovery outliers occur.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

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Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Laboratory Control Spike (LCS) Recoveries							
EP075A: Phenolic Compounds	QC-4104381-002	----	**2.4.5-Trichlorophenol**	95-95-4	108 %	49.0-107%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**2-Chloronaphthalene**	91-58-7	116 %	54.0-112%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**Acenaphthylene**	208-96-8	115 %	56.0-114%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**Fluorene**	86-73-7	118 %	59.0-115%	**Recovery greater than upper control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4104381-002	----	**7.12-Dimethylbenz(a)anthracene**	57-97-6	109 %	48.1-106%	**Recovery greater than upper control limit**
EP075D: Nitrosamines	QC-4104381-002	----	**N-Nitrosodiphenyl & Diphenylamine**	86-30-6 122-39-4	114 %	42.0-112%	**Recovery greater than upper control limit**
EP075E: Nitroaromatics and Ketones	QC-4104381-002	----	**5-Nitro-o-toluidine**	99-55-8	99.8 %	48.3-98.5%	**Recovery greater than upper control limit**
EP075F: Haloethers	QC-4104381-002	----	**4-Chlorophenyl phenyl ether**	7005-72-3	113 %	58.0-112%	**Recovery greater than upper control limit**
EP075F: Haloethers	QC-4104381-002	----	**4-Bromophenyl phenyl ether**	101-55-3	111 %	58.0-110%	**Recovery greater than upper control limit**
EP075G: Chlorinated Hydrocarbons	QC-4104381-002	----	**Hexachloropropylene**	1888-71-7	116 %	39.1-110%	**Recovery greater than upper control limit**

Outliers : Analysis Holding Time Compliance

Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EP074A: Monocyclic Aromatic Hydrocarbons						
Soil Glass Jar - Unpreserved 20211221_T01	31-Dec-2021	28-Dec-2021	**3**	31-Dec-2021	28-Dec-2021	**3**
EP074B: Oxygenated Compounds						
Soil Glass Jar - Unpreserved 20211221_T01	31-Dec-2021	28-Dec-2021	**3**	31-Dec-2021	28-Dec-2021	**3**
EP074C: Sulfonated Compounds						
Soil Glass Jar - Unpreserved 20211221_T01	31-Dec-2021	28-Dec-2021	**3**	31-Dec-2021	28-Dec-2021	**3**
EP074D: Fumigants						
Soil Glass Jar - Unpreserved 20211221_T01	31-Dec-2021	28-Dec-2021	**3**	31-Dec-2021	28-Dec-2021	**3**
EP074E: Halogenated Aliphatic Compounds						

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Matrix: **SOIL**

Method / Container / Client Sample ID(s)	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Days overdue	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Days overdue
EP074E: Halogenated Aliphatic Compounds - Analysis Holding Time Compliance						
Soil Glass Jar - Unpreserved						
20211221_T01	31-Dec-2021	28-Dec-2021	**3**	31-Dec-2021	28-Dec-2021	**3**
EP074F: Halogenated Aromatic Compounds						
Soil Glass Jar - Unpreserved						
20211221_T01	31-Dec-2021	28-Dec-2021	**3**	31-Dec-2021	28-Dec-2021	**3**
EP074G: Trihalomethanes						
Soil Glass Jar - Unpreserved						
20211221_T01	31-Dec-2021	28-Dec-2021	**3**	31-Dec-2021	28-Dec-2021	**3**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Evaluation	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
Soil Glass Jar - Unpreserved (EA055)							
20211221_T01	**21-Dec-2021**	**----**	----	----	**31-Dec-2021**	04-Jan-2022	✓
EG005(ED093)T: Total Metals by ICP-AES							
Soil Glass Jar - Unpreserved (EG005T)							
20211221_T01	**21-Dec-2021**	**06-Jan-2022**	19-Jun-2022	✓	**06-Jan-2022**	19-Jun-2022	✓
EG035T: Total Recoverable Mercury by FIMS							
Soil Glass Jar - Unpreserved (EG035T)							
20211221_T01	**21-Dec-2021**	**06-Jan-2022**	18-Jan-2022	✓	**06-Jan-2022**	18-Jan-2022	✓
EP068A: Organochlorine Pesticides (OC)							
Soil Glass Jar - Unpreserved (EP068)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**05-Jan-2022**	09-Feb-2022	✓
EP068B: Organophosphorus Pesticides (OP)							
Soil Glass Jar - Unpreserved (EP068)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**05-Jan-2022**	09-Feb-2022	✓
EP074A: Monocyclic Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP074)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	28-Dec-2021	×	**31-Dec-2021**	28-Dec-2021	×

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP074B: Oxygenated Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	28-Dec-2021	×	**31-Dec-2021**	28-Dec-2021	×
EP074C: Sulfonated Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	28-Dec-2021	×	**31-Dec-2021**	28-Dec-2021	×
EP074D: Fumigants							
Soil Glass Jar - Unpreserved (EP074)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	28-Dec-2021	×	**31-Dec-2021**	28-Dec-2021	×
EP074E: Halogenated Aliphatic Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	28-Dec-2021	×	**31-Dec-2021**	28-Dec-2021	×
EP074F: Halogenated Aromatic Compounds							
Soil Glass Jar - Unpreserved (EP074)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	28-Dec-2021	×	**31-Dec-2021**	28-Dec-2021	×
EP074G: Trihalomethanes							
Soil Glass Jar - Unpreserved (EP074)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	28-Dec-2021	×	**31-Dec-2021**	28-Dec-2021	×
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075(SIM))							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**04-Jan-2022**	09-Feb-2022	✓
EP075A: Phenolic Compounds							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075C: Phthalate Esters							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075D: Nitrosamines							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075E: Nitroaromatics and Ketones							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075F: Haloethers							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓

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Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075G: Chlorinated Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075H: Anilines and Benzidines							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075I: Organochlorine Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP075J: Organophosphorus Pesticides							
Soil Glass Jar - Unpreserved (EP075)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**07-Jan-2022**	09-Feb-2022	✓
EP080/071: Total Petroleum Hydrocarbons							
Soil Glass Jar - Unpreserved (EP071)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**04-Jan-2022**	09-Feb-2022	✓
Soil Glass Jar - Unpreserved (EP080)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**31-Dec-2021**	04-Jan-2022	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Soil Glass Jar - Unpreserved (EP071)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**04-Jan-2022**	09-Feb-2022	✓
Soil Glass Jar - Unpreserved (EP080)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**31-Dec-2021**	04-Jan-2022	✓
EP080: BTEXN							
Soil Glass Jar - Unpreserved (EP080)							
20211221_T01	**21-Dec-2021**	**31-Dec-2021**	04-Jan-2022	✓	**31-Dec-2021**	04-Jan-2022	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211221_T01	**21-Dec-2021**	**05-Jan-2022**	19-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X)							
20211221_T01	**21-Dec-2021**	**05-Jan-2022**	19-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓
EP231C: Perfluoroalkyl Sulfonamides							
HDPE Soil Jar (EP231X)							
20211221_T01	**21-Dec-2021**	**05-Jan-2022**	19-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X)							
20211221_T01	**21-Dec-2021**	**05-Jan-2022**	19-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X)							
20211221_T01	**21-Dec-2021**	**05-Jan-2022**	19-Jun-2022	✓	**06-Jan-2022**	14-Feb-2022	✓

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Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
Moisture Content	EA055	1	5	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	2	11	**18.18**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	19	**10.53**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Matrix Spikes (MS) - Continued							
Total Metals by ICP-AES	EG005T	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	4	**25.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
Volatile Organic Compounds	EP074	SOIL	In house: Referenced to USEPA SW 846 - 8260 Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
Semivolatile Organic Compounds	EP075	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by LC-Electrospray-MS-MS, Negative Mode using MRM using internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to a portion of soil which is then extracted with MTBE and an ion pairing reagent. A portion of extract is exchanged into the analytical solvent mixture, combined with an equal volume reagent water and filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.

Preparation Methods	Method	Matrix	Method Descriptions

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Preparation Methods	Method	Matrix	Method Descriptions
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

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CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

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☐ **Sydney Laboratory**
Unit F3 Bld.F 16 Mars Road Lane Cove West NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ **Brisbane Laboratory**
Unit 1 21 Smallwood Place Murarrie QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ **Perth Laboratory**
Unit 2 91 Leach Highway Kewdale WA 6105
08 9251 9600 EnviroSampleWA@eurofins.com

☐ **Melbourne Laboratory**
6 Monterey Road Dandenong South VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	ERM	Project №	0571466
Address	11/277 Lane Cove Road, Macquarie Park	Project Name	Bradfield City Centre
Contact Name	Jack Emblen	Project Manager	Nicholas Grbich
Phone №	0402 979 340	EDD Format (Esdat, EQuIS etc)	
Special Directions		Sampler(s)	Jack Emblen
Purchase Order		Handed over by	Jack Emblen
Quote ID №		Email for Invoice	Nicholas Grbich
		Email for Results	nicholas.grbich@erm.com, jack.emblen@erm.com

Analyses — Where metals are requested please specify Total or Filtered. SUITE code must be used to attract SUITE pricing.

№	Client Sample ID	Sampled Date/Time dd/mm/yy hh:mm	Matrix Soil (S) Water (W)	SOLID SUITE A*	SOLID SUITE B**	BTEX	PFAS
1	20211221_D01	21.12.21	S	X			
2							
3	20211221_T01	21.12.21	S	X			
4							
5							
6							
7							
8							
9							
10							
	Total Counts						

Containers — Change container type & size if necessary

500mL Plastic	250mL Plastic	125mL Plastic	200mL Amber Glass	40mL VOA vial	500mL PFAS Bottle	Jar (Glass or HDPE)	Other (Asbestos AS4964, WA Guidelines)

Required Turnaround Time (TAT) — Default will be 5 days if not ticked

♦Surcharge will apply

- ☐ Overnight (reporting by 9am)♦
- ☐ Same day♦ ☐ 1 day♦
- ☐ 2 days♦ ☐ 3 days♦
- ☐ 5 days (Standard)
- ☐ Other( )

Sample Comments / Dangerous Goods Hazard Warning

*SOLID SUITE A = Asbestos, PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea
**Solid suite B = PFAS, TRH/BTEX/PAHs/SOVCs/VOCs/hea vy metals (8)/OCP/OPP

Please send to ALS

Environmental Division
Sydney
Work Order Reference
ES2147422

Telephone : +61-2-8784 8555

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Method of Shipment: ☐ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	AS	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	22/12/21	Time	1:30pm
	Received By	Brenda	SYD | BNE | MEL | PER | ADL | NTL | DRW	Signature		Date	30/12/21	Time	5:10pm

Name	Signature	Date	Time

Temperature: 20.6

Report №: 853214

Eurofins Environment Testing Australia Pty Ltd

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy is available on request.

ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **ES2222461**	Page	: 1 of 18
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Sarah Mathew
Address	: LEVEL 15 309 KENT STREET SYDNEY NSW AUSTRALIA 2000	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 BRADFIELD	Date Samples Received	: 27-Jun-2022 11:05
Order number	: ----	Date Analysis Commenced	: 29-Jun-2022
C-O-C number	: ----	Issue Date	: 04-Jul-2022 18:23
Sampler	: ----		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 2		
No. of samples analysed	: 2		

Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- EP075 (SIM): Where reported, Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero.
- EP075: Where reported, Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero.
- EP231X - Per- and Polyfluoroalkyl Substances (PFAS): Samples received in 20ml or 125ml bottles have been tested in accordance with the QSM5.3 compliant, NATA accredited method. 60mL or 250mL bottles have been tested to the legacy QSM 5.1 aligned, NATA accredited method.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EP075: Where reported, 'Sum of PAH' is the sum of the USEPA 16 priority PAHs
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS (Australian HEPA) and also conform to QSM 5.3 (US DoD) requirements.

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Analytical Results

Sub-Matrix: SEDIMENT (Matrix: SOIL)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-002	--------	--------	--------	--------
					Result	----	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)									
Moisture Content	----	0.1	%		**43.5**	----	----	----	----
EP231A: Perfluoroalkyl Sulfonic Acids									
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg		**0.0015**	----	----	----	----
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg		<0.0002	----	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids									
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg		<0.001	----	----	----	----
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg		<0.0002	----	----	----	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg		<0.0005	----	----	----	----
EP231C: Perfluoroalkyl Sulfonamides									
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg		<0.0002	----	----	----	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg		<0.0005	----	----	----	----

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Analytical Results

Sub-Matrix: SEDIMENT (Matrix: SOIL)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-002	--------	--------	--------	--------
					Result	----	----	----	----
EP231C: Perfluoroalkyl Sulfonamides - Continued									
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg		<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg		<0.0005	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg		<0.0005	----	----	----	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg		<0.0002	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg		<0.0002	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids									
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg		<0.0005	----	----	----	----
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg		<0.0005	----	----	----	----
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg		<0.0005	----	----	----	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg		<0.0005	----	----	----	----
EP231P: PFAS Sums									
Sum of PFAS	----	0.0002	mg/kg		**0.0015**	----	----	----	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg		**0.0015**	----	----	----	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg		**0.0015**	----	----	----	----
EP231S: PFAS Surrogate									
13C4-PFOS	----	0.0002	%		**102**	----	----	----	----
13C8-PFOA	----	0.0002	%		**91.5**	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Sample ID	T01_20220621	----	----	----	----
			Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2222461-001	--------	--------	--------	--------
				Result	----	----	----	----
EG020F: Dissolved Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	----	----	----	----
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	----	----	----	----
Chromium	7440-47-3	0.001	mg/L	<0.001	----	----	----	----
Copper	7440-50-8	0.001	mg/L	**0.014**	----	----	----	----
Nickel	7440-02-0	0.001	mg/L	**0.009**	----	----	----	----
Lead	7439-92-1	0.001	mg/L	<0.001	----	----	----	----
Zinc	7440-66-6	0.005	mg/L	**0.042**	----	----	----	----
EG035F: Dissolved Mercury by FIMS								
Mercury	7439-97-6	0.0001	mg/L	<0.0001	----	----	----	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.5	µg/L	<0.5	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	0.5	µg/L	<0.5	----	----	----	----
beta-BHC	319-85-7	0.5	µg/L	<0.5	----	----	----	----
gamma-BHC	58-89-9	0.5	µg/L	<0.5	----	----	----	----
delta-BHC	319-86-8	0.5	µg/L	<0.5	----	----	----	----
Heptachlor	76-44-8	0.5	µg/L	<0.5	----	----	----	----
Aldrin	309-00-2	0.5	µg/L	<0.5	----	----	----	----
Heptachlor epoxide	1024-57-3	0.5	µg/L	<0.5	----	----	----	----
trans-Chlordane	5103-74-2	0.5	µg/L	<0.5	----	----	----	----
alpha-Endosulfan	959-98-8	0.5	µg/L	<0.5	----	----	----	----
cis-Chlordane	5103-71-9	0.5	µg/L	<0.5	----	----	----	----
Dieldrin	60-57-1	0.5	µg/L	<0.5	----	----	----	----
4.4`-DDE	72-55-9	0.5	µg/L	<0.5	----	----	----	----
Endrin	72-20-8	0.5	µg/L	<0.5	----	----	----	----
beta-Endosulfan	33213-65-9	0.5	µg/L	<0.5	----	----	----	----
4.4`-DDD	72-54-8	0.5	µg/L	<0.5	----	----	----	----
Endrin aldehyde	7421-93-4	0.5	µg/L	<0.5	----	----	----	----
Endosulfan sulfate	1031-07-8	0.5	µg/L	<0.5	----	----	----	----
4.4`-DDT	50-29-3	2.0	µg/L	<2.0	----	----	----	----
Endrin ketone	53494-70-5	0.5	µg/L	<0.5	----	----	----	----
Methoxychlor	72-43-5	2.0	µg/L	<2.0	----	----	----	----
^ Total Chlordane (sum)	----	0.5	µg/L	<0.5	----	----	----	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.5	µg/L	<0.5	----	----	----	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.5	µg/L	<0.5	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP068A: Organochlorine Pesticides (OC) - Continued									
EP068B: Organophosphorus Pesticides (OP)									
Dichlorvos	62-73-7	0.5	µg/L		<0.5	----	----	----	----
Demeton-S-methyl	919-86-8	0.5	µg/L		<0.5	----	----	----	----
Monocrotophos	6923-22-4	2.0	µg/L		<2.0	----	----	----	----
Dimethoate	60-51-5	0.5	µg/L		<0.5	----	----	----	----
Diazinon	333-41-5	0.5	µg/L		<0.5	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.5	µg/L		<0.5	----	----	----	----
Parathion-methyl	298-00-0	2.0	µg/L		<2.0	----	----	----	----
Malathion	121-75-5	0.5	µg/L		<0.5	----	----	----	----
Fenthion	55-38-9	0.5	µg/L		<0.5	----	----	----	----
Chlorpyrifos	2921-88-2	0.5	µg/L		<0.5	----	----	----	----
Parathion	56-38-2	2.0	µg/L		<2.0	----	----	----	----
Pirimphos-ethyl	23505-41-1	0.5	µg/L		<0.5	----	----	----	----
Chlorfenvinphos	470-90-6	0.5	µg/L		<0.5	----	----	----	----
Bromophos-ethyl	4824-78-6	0.5	µg/L		<0.5	----	----	----	----
Fenamiphos	22224-92-6	0.5	µg/L		<0.5	----	----	----	----
Prothiofos	34643-46-4	0.5	µg/L		<0.5	----	----	----	----
Ethion	563-12-2	0.5	µg/L		<0.5	----	----	----	----
Carbophenothion	786-19-6	0.5	µg/L		<0.5	----	----	----	----
Azinphos Methyl	86-50-0	0.5	µg/L		<0.5	----	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons									
Styrene	100-42-5	5	µg/L		<5	----	----	----	----
Isopropylbenzene	98-82-8	5	µg/L		<5	----	----	----	----
n-Propylbenzene	103-65-1	5	µg/L		<5	----	----	----	----
1.3.5-Trimethylbenzene	108-67-8	5	µg/L		<5	----	----	----	----
sec-Butylbenzene	135-98-8	5	µg/L		<5	----	----	----	----
1.2.4-Trimethylbenzene	95-63-6	5	µg/L		<5	----	----	----	----
tert-Butylbenzene	98-06-6	5	µg/L		<5	----	----	----	----
p-Isopropyltoluene	99-87-6	5	µg/L		<5	----	----	----	----
n-Butylbenzene	104-51-8	5	µg/L		<5	----	----	----	----
EP074B: Oxygenated Compounds									
Vinyl Acetate	108-05-4	50	µg/L		<50	----	----	----	----
2-Butanone (MEK)	78-93-3	50	µg/L		<50	----	----	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L		<50	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Sample ID	T01_20220621	----	----	----	----
			Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2222461-001	--------	--------	--------	--------
				Result	----	----	----	----
EP074B: Oxygenated Compounds - Continued								
2-Hexanone (MBK)	591-78-6	50	µg/L	<50	----	----	----	----
EP074C: Sulfonated Compounds								
Carbon disulfide	75-15-0	5	µg/L	<5	----	----	----	----
EP074D: Fumigants								
2.2-Dichloropropane	594-20-7	5	µg/L	<5	----	----	----	----
1.2-Dichloropropane	78-87-5	5	µg/L	<5	----	----	----	----
cis-1.3-Dichloropropylene	10061-01-5	5	µg/L	<5	----	----	----	----
trans-1.3-Dichloropropylene	10061-02-6	5	µg/L	<5	----	----	----	----
1.2-Dibromoethane (EDB)	106-93-4	5	µg/L	<5	----	----	----	----
EP074E: Halogenated Aliphatic Compounds								
Dichlorodifluoromethane	75-71-8	50	µg/L	<50	----	----	----	----
Chloromethane	74-87-3	50	µg/L	<50	----	----	----	----
Vinyl chloride	75-01-4	50	µg/L	<50	----	----	----	----
Bromomethane	74-83-9	50	µg/L	<50	----	----	----	----
Chloroethane	75-00-3	50	µg/L	<50	----	----	----	----
Trichlorofluoromethane	75-69-4	50	µg/L	<50	----	----	----	----
1.1-Dichloroethene	75-35-4	5	µg/L	<5	----	----	----	----
Iodomethane	74-88-4	5	µg/L	<5	----	----	----	----
trans-1.2-Dichloroethene	156-60-5	5	µg/L	<5	----	----	----	----
1.1-Dichloroethane	75-34-3	5	µg/L	<5	----	----	----	----
cis-1.2-Dichloroethene	156-59-2	5	µg/L	<5	----	----	----	----
1.1.1-Trichloroethane	71-55-6	5	µg/L	<5	----	----	----	----
1.1-Dichloropropylene	563-58-6	5	µg/L	<5	----	----	----	----
Carbon Tetrachloride	56-23-5	5	µg/L	<5	----	----	----	----
1.2-Dichloroethane	107-06-2	5	µg/L	<5	----	----	----	----
Trichloroethene	79-01-6	5	µg/L	<5	----	----	----	----
Dibromomethane	74-95-3	5	µg/L	<5	----	----	----	----
1.1.2-Trichloroethane	79-00-5	5	µg/L	<5	----	----	----	----
1.3-Dichloropropane	142-28-9	5	µg/L	<5	----	----	----	----
Tetrachloroethene	127-18-4	5	µg/L	<5	----	----	----	----
1.1.1.2-Tetrachloroethane	630-20-6	5	µg/L	<5	----	----	----	----
trans-1.4-Dichloro-2-butene	110-57-6	5	µg/L	<5	----	----	----	----
cis-1.4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	----	----	----	----
1.1.2.2-Tetrachloroethane	79-34-5	5	µg/L	<5	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP074E: Halogenated Aliphatic Compounds - Continued									
1.2.3-Trichloropropane	96-18-4	5	µg/L		<5	----	----	----	----
Pentachloroethane	76-01-7	5	µg/L		<5	----	----	----	----
1.2-Dibromo-3-chloropropane	96-12-8	5	µg/L		<5	----	----	----	----
EP074F: Halogenated Aromatic Compounds									
Chlorobenzene	108-90-7	5	µg/L		<5	----	----	----	----
Bromobenzene	108-86-1	5	µg/L		<5	----	----	----	----
2-Chlorotoluene	95-49-8	5	µg/L		<5	----	----	----	----
4-Chlorotoluene	106-43-4	5	µg/L		<5	----	----	----	----
1.2.3-Trichlorobenzene	87-61-6	5	µg/L		<5	----	----	----	----
EP074G: Trihalomethanes									
Chloroform	67-66-3	5	µg/L		<5	----	----	----	----
Bromodichloromethane	75-27-4	5	µg/L		<5	----	----	----	----
Dibromochloromethane	124-48-1	5	µg/L		<5	----	----	----	----
Bromoform	75-25-2	5	µg/L		<5	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons									
Naphthalene	91-20-3	1.0	µg/L		<1.0	----	----	----	----
Acenaphthylene	208-96-8	1.0	µg/L		<1.0	----	----	----	----
Acenaphthene	83-32-9	1.0	µg/L		<1.0	----	----	----	----
Fluorene	86-73-7	1.0	µg/L		<1.0	----	----	----	----
Phenanthrene	85-01-8	1.0	µg/L		<1.0	----	----	----	----
Anthracene	120-12-7	1.0	µg/L		<1.0	----	----	----	----
Fluoranthene	206-44-0	1.0	µg/L		<1.0	----	----	----	----
Pyrene	129-00-0	1.0	µg/L		<1.0	----	----	----	----
Benz(a)anthracene	56-55-3	1.0	µg/L		<1.0	----	----	----	----
Chrysene	218-01-9	1.0	µg/L		<1.0	----	----	----	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	1.0	µg/L		<1.0	----	----	----	----
Benzo(k)fluoranthene	207-08-9	1.0	µg/L		<1.0	----	----	----	----
Benzo(a)pyrene	50-32-8	0.5	µg/L		<0.5	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	1.0	µg/L		<1.0	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	1.0	µg/L		<1.0	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	1.0	µg/L		<1.0	----	----	----	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	µg/L		<0.5	----	----	----	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	µg/L		<0.5	----	----	----	----
EP075A: Phenolic Compounds									

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075A: Phenolic Compounds - Continued									
Phenol	108-95-2	2	µg/L		<2	----	----	----	----
2-Chlorophenol	95-57-8	2	µg/L		<2	----	----	----	----
2-Methylphenol	95-48-7	2	µg/L		<2	----	----	----	----
3- & 4-Methylphenol	1319-77-3	4	µg/L		<4	----	----	----	----
2-Nitrophenol	88-75-5	2	µg/L		<2	----	----	----	----
2.4-Dimethylphenol	105-67-9	2	µg/L		<2	----	----	----	----
2.4-Dichlorophenol	120-83-2	2	µg/L		<2	----	----	----	----
2.6-Dichlorophenol	87-65-0	2	µg/L		<2	----	----	----	----
4-Chloro-3-methylphenol	59-50-7	2	µg/L		<2	----	----	----	----
2.4.6-Trichlorophenol	88-06-2	2	µg/L		<2	----	----	----	----
2.4.5-Trichlorophenol	95-95-4	2	µg/L		<2	----	----	----	----
Pentachlorophenol	87-86-5	4	µg/L		<4	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons									
Naphthalene	91-20-3	2	µg/L		<2	----	----	----	----
2-Methylnaphthalene	91-57-6	2	µg/L		<2	----	----	----	----
2-Chloronaphthalene	91-58-7	2	µg/L		<2	----	----	----	----
Acenaphthylene	208-96-8	2	µg/L		<2	----	----	----	----
Acenaphthene	83-32-9	2	µg/L		<2	----	----	----	----
Fluorene	86-73-7	2	µg/L		<2	----	----	----	----
Phenanthrene	85-01-8	2	µg/L		<2	----	----	----	----
Anthracene	120-12-7	2	µg/L		<2	----	----	----	----
Fluoranthene	206-44-0	2	µg/L		<2	----	----	----	----
Pyrene	129-00-0	2	µg/L		<2	----	----	----	----
N-2-Fluorenyl Acetamide	53-96-3	2	µg/L		<2	----	----	----	----
Benz(a)anthracene	56-55-3	2	µg/L		<2	----	----	----	----
Chrysene	218-01-9	2	µg/L		<2	----	----	----	----
Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	4	µg/L		<4	----	----	----	----
7.12-Dimethylbenz(a)anthracene	57-97-6	2	µg/L		<2	----	----	----	----
Benzo(a)pyrene	50-32-8	2	µg/L		<2	----	----	----	----
3-Methylcholanthrene	56-49-5	2	µg/L		<2	----	----	----	----
Indeno(1.2.3.cd)pyrene	193-39-5	2	µg/L		<2	----	----	----	----
Dibenz(a.h)anthracene	53-70-3	2	µg/L		<2	----	----	----	----
Benzo(g.h.i)perylene	191-24-2	2	µg/L		<2	----	----	----	----
^ Sum of PAHs	----	2	µg/L		<2	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons - Continued									
^ Benzo(a)pyrene TEQ (zero)	----	2	µg/L		<2	----	----	----	----
EP075C: Phthalate Esters									
Dimethyl phthalate	131-11-3	2	µg/L		<2	----	----	----	----
Diethyl phthalate	84-66-2	2	µg/L		<2	----	----	----	----
Di-n-butyl phthalate	84-74-2	2	µg/L		<2	----	----	----	----
Butyl benzyl phthalate	85-68-7	2	µg/L		<2	----	----	----	----
bis(2-ethylhexyl) phthalate	117-81-7	10	µg/L		<10	----	----	----	----
Di-n-octylphthalate	117-84-0	2	µg/L		<2	----	----	----	----
EP075D: Nitrosamines									
N-Nitrosomethylethylamine	10595-95-6	2	µg/L		<2	----	----	----	----
N-Nitrosodiethylamine	55-18-5	2	µg/L		<2	----	----	----	----
N-Nitrosopyrrolidine	930-55-2	4	µg/L		<4	----	----	----	----
N-Nitrosomorpholine	59-89-2	2	µg/L		<2	----	----	----	----
N-Nitrosodi-n-propylamine	621-64-7	2	µg/L		<2	----	----	----	----
N-Nitrosopiperidine	100-75-4	2	µg/L		<2	----	----	----	----
N-Nitrosodibutylamine	924-16-3	2	µg/L		<2	----	----	----	----
N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	4	µg/L		<4	----	----	----	----
Methapyrilene	91-80-5	2	µg/L		<2	----	----	----	----
EP075E: Nitroaromatics and Ketones									
2-Picoline	109-06-8	2	µg/L		<2	----	----	----	----
Acetophenone	98-86-2	2	µg/L		<2	----	----	----	----
Nitrobenzene	98-95-3	2	µg/L		<2	----	----	----	----
Isophorone	78-59-1	2	µg/L		<2	----	----	----	----
2.6-Dinitrotoluene	606-20-2	4	µg/L		<4	----	----	----	----
2.4-Dinitrotoluene	121-14-2	4	µg/L		<4	----	----	----	----
1-Naphthylamine	134-32-7	2	µg/L		<2	----	----	----	----
4-Nitroquinoline-N-oxide	56-57-5	2	µg/L		<2	----	----	----	----
5-Nitro-o-toluidine	99-55-8	2	µg/L		<2	----	----	----	----
Azobenzene	103-33-3	2	µg/L		<2	----	----	----	----
1.3.5-Trinitrobenzene	99-35-4	2	µg/L		<2	----	----	----	----
Phenacetin	62-44-2	2	µg/L		<2	----	----	----	----
4-Aminobiphenyl	92-67-1	2	µg/L		<2	----	----	----	----
Pentachloronitrobenzene	82-68-8	2	µg/L		<2	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075E: Nitroaromatics and Ketones - Continued									
Pronamide	23950-58-5	2	µg/L		<2	----	----	----	----
Dimethylaminoazobenzene	60-11-7	2	µg/L		<2	----	----	----	----
Chlorobenzilate	510-15-6	2	µg/L		<2	----	----	----	----
EP075F: Haloethers									
Bis(2-chloroethyl) ether	111-44-4	2	µg/L		<2	----	----	----	----
Bis(2-chloroethoxy) methane	111-91-1	2	µg/L		<2	----	----	----	----
4-Chlorophenyl phenyl ether	7005-72-3	2	µg/L		<2	----	----	----	----
4-Bromophenyl phenyl ether	101-55-3	2	µg/L		<2	----	----	----	----
EP075G: Chlorinated Hydrocarbons									
1.3-Dichlorobenzene	541-73-1	2	µg/L		<2	----	----	----	----
1.4-Dichlorobenzene	106-46-7	2	µg/L		<2	----	----	----	----
1.2-Dichlorobenzene	95-50-1	2	µg/L		<2	----	----	----	----
Hexachloroethane	67-72-1	2	µg/L		<2	----	----	----	----
1.2.4-Trichlorobenzene	120-82-1	2	µg/L		<2	----	----	----	----
Hexachloropropylene	1888-71-7	2	µg/L		<2	----	----	----	----
Hexachlorobutadiene	87-68-3	2	µg/L		<2	----	----	----	----
Hexachlorocyclopentadiene	77-47-4	10	µg/L		<10	----	----	----	----
Pentachlorobenzene	608-93-5	2	µg/L		<2	----	----	----	----
Hexachlorobenzene (HCB)	118-74-1	4	µg/L		<4	----	----	----	----
EP075H: Anilines and Benzidines									
Aniline	62-53-3	2	µg/L		<2	----	----	----	----
4-Chloroaniline	106-47-8	2	µg/L		<2	----	----	----	----
2-Nitroaniline	88-74-4	4	µg/L		<4	----	----	----	----
3-Nitroaniline	99-09-2	4	µg/L		<4	----	----	----	----
Dibenzofuran	132-64-9	2	µg/L		<2	----	----	----	----
4-Nitroaniline	100-01-6	2	µg/L		<2	----	----	----	----
Carbazole	86-74-8	2	µg/L		<2	----	----	----	----
3.3`-Dichlorobenzidine	91-94-1	2	µg/L		<2	----	----	----	----
EP075I: Organochlorine Pesticides									
alpha-BHC	319-84-6	2	µg/L		<2	----	----	----	----
beta-BHC	319-85-7	2	µg/L		<2	----	----	----	----
gamma-BHC	58-89-9	2	µg/L		<2	----	----	----	----
delta-BHC	319-86-8	2	µg/L		<2	----	----	----	----
Heptachlor	76-44-8	2	µg/L		<2	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP075I: Organochlorine Pesticides - Continued									
Aldrin	309-00-2	2	µg/L		<2	----	----	----	----
Heptachlor epoxide	1024-57-3	2	µg/L		<2	----	----	----	----
alpha-Endosulfan	959-98-8	2	µg/L		<2	----	----	----	----
4.4`-DDE	72-55-9	2	µg/L		<2	----	----	----	----
Dieldrin	60-57-1	2	µg/L		<2	----	----	----	----
Endrin	72-20-8	2	µg/L		<2	----	----	----	----
beta-Endosulfan	33213-65-9	2	µg/L		<2	----	----	----	----
4.4`-DDD	72-54-8	2	µg/L		<2	----	----	----	----
Endosulfan sulfate	1031-07-8	2	µg/L		<2	----	----	----	----
4.4`-DDT	50-29-3	4	µg/L		<4	----	----	----	----
^ **Sum of Aldrin + Dieldrin**	309-00-2/60-57-1	4	µg/L		<4	----	----	----	----
^ **Sum of DDD + DDE + DDT**	72-54-8/72-55-9/50-29-3	4	µg/L		<4	----	----	----	----
EP075J: Organophosphorus Pesticides									
Dichlorvos	62-73-7	2	µg/L		<2	----	----	----	----
Dimethoate	60-51-5	2	µg/L		<2	----	----	----	----
Diazinon	333-41-5	2	µg/L		<2	----	----	----	----
Chlorpyrifos-methyl	5598-13-0	2	µg/L		<2	----	----	----	----
Malathion	121-75-5	2	µg/L		<2	----	----	----	----
Fenthion	55-38-9	2	µg/L		<2	----	----	----	----
Chlorpyrifos	2921-88-2	2	µg/L		<2	----	----	----	----
Pirimphos-ethyl	23505-41-1	2	µg/L		<2	----	----	----	----
Chlorfenvinphos	470-90-6	2	µg/L		<2	----	----	----	----
Prothiofos	34643-46-4	2	µg/L		<2	----	----	----	----
Ethion	563-12-2	2	µg/L		<2	----	----	----	----
EP080/071: Total Petroleum Hydrocarbons									
C6 - C9 Fraction	----	20	µg/L		<20	----	----	----	----
C10 - C14 Fraction	----	50	µg/L		<50	----	----	----	----
C15 - C28 Fraction	----	100	µg/L		**160**	----	----	----	----
C29 - C36 Fraction	----	50	µg/L		**60**	----	----	----	----
^ **C10 - C36 Fraction (sum)**	----	50	µg/L		**220**	----	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions									
C6 - C10 Fraction	C6_C10	20	µg/L		<20	----	----	----	----
^ **C6 - C10 Fraction minus BTEX (F1)**	C6_C10-BTEX	20	µg/L		<20	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	ES2222461-001	--------	--------	--------	--------	
				Result	----	----	----	----	
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Continued									
>C10 - C16 Fraction	----	100	µg/L	<100	----	----	----	----	
>C16 - C34 Fraction	----	100	µg/L	**200**	----	----	----	----	
>C34 - C40 Fraction	----	100	µg/L	<100	----	----	----	----	
^ **>C10 - C40 Fraction (sum)**	----	100	µg/L	**200**	----	----	----	----	
^ **>C10 - C16 Fraction minus Naphthalene (F2)**	----	100	µg/L	<100	----	----	----	----	
EP080: BTEXN									
Benzene	71-43-2	1	µg/L	<1	----	----	----	----	
Toluene	108-88-3	2	µg/L	<2	----	----	----	----	
Ethylbenzene	100-41-4	2	µg/L	<2	----	----	----	----	
meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	----	----	----	----	
ortho-Xylene	95-47-6	2	µg/L	<2	----	----	----	----	
^ **Total Xylenes**	----	2	µg/L	<2	----	----	----	----	
^ **Sum of BTEX**	----	1	µg/L	<1	----	----	----	----	
Naphthalene	91-20-3	5	µg/L	<5	----	----	----	----	
EP231A: Perfluoroalkyl Sulfonic Acids									
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.02	µg/L	<0.02	----	----	----	----	
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.02	µg/L	<0.02	----	----	----	----	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.01	µg/L	**0.02**	----	----	----	----	
Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.02	µg/L	<0.02	----	----	----	----	
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.01	µg/L	**0.02**	----	----	----	----	
Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.02	µg/L	<0.02	----	----	----	----	
EP231B: Perfluoroalkyl Carboxylic Acids									
Perfluorobutanoic acid (PFBA)	375-22-4	0.1	µg/L	<0.1	----	----	----	----	
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.02	µg/L	<0.02	----	----	----	----	
Perfluorohexanoic acid (PFHxA)	307-24-4	0.02	µg/L	<0.02	----	----	----	----	
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.02	µg/L	<0.02	----	----	----	----	
Perfluorooctanoic acid (PFOA)	335-67-1	0.01	µg/L	<0.01	----	----	----	----	
Perfluorononanoic acid (PFNA)	375-95-1	0.02	µg/L	<0.02	----	----	----	----	

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP231B: Perfluoroalkyl Carboxylic Acids - Continued									
Perfluorodecanoic acid (PFDA)	335-76-2	0.02	µg/L		<0.02	----	----	----	----
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.02	µg/L		<0.02	----	----	----	----
Perfluorododecanoic acid (PFDoDA)	307-55-1	0.02	µg/L		<0.02	----	----	----	----
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.02	µg/L		<0.02	----	----	----	----
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.05	µg/L		<0.05	----	----	----	----
EP231C: Perfluoroalkyl Sulfonamides									
Perfluorooctane sulfonamide (FOSA)	754-91-6	0.02	µg/L		<0.02	----	----	----	----
N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.05	µg/L		<0.05	----	----	----	----
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.05	µg/L		<0.05	----	----	----	----
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.05	µg/L		<0.05	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.05	µg/L		<0.05	----	----	----	----
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.02	µg/L		<0.02	----	----	----	----
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.02	µg/L		<0.02	----	----	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids									
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.05	µg/L		<0.05	----	----	----	----
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.05	µg/L		<0.05	----	----	----	----
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.05	µg/L		<0.05	----	----	----	----
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.05	µg/L		<0.05	----	----	----	----
EP231P: PFAS Sums									

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP231P: PFAS Sums - Continued									
Sum of PFAS	----	0.01	µg/L		0.04	----	----	----	----
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.01	µg/L		0.04	----	----	----	----
Sum of PFAS (WA DER List)	----	0.01	µg/L		0.04	----	----	----	----
EP068S: Organochlorine Pesticide Surrogate									
Dibromo-DDE	21655-73-2	0.5	%		104	----	----	----	----
EP068T: Organophosphorus Pesticide Surrogate									
DEF	78-48-8	0.5	%		91.0	----	----	----	----
EP074S: VOC Surrogates									
1.2-Dichloroethane-D4	17060-07-0	5	%		96.4	----	----	----	----
Toluene-D8	2037-26-5	5	%		97.0	----	----	----	----
4-Bromofluorobenzene	460-00-4	5	%		94.0	----	----	----	----
EP075(SIM)S: Phenolic Compound Surrogates									
Phenol-d6	13127-88-3	1.0	%		43.2	----	----	----	----
2-Chlorophenol-D4	93951-73-6	1.0	%		78.1	----	----	----	----
2.4.6-Tribromophenol	118-79-6	1.0	%		93.9	----	----	----	----
EP075(SIM)T: PAH Surrogates									
2-Fluorobiphenyl	321-60-8	1.0	%		86.4	----	----	----	----
Anthracene-d10	1719-06-8	1.0	%		105	----	----	----	----
4-Terphenyl-d14	1718-51-0	1.0	%		102	----	----	----	----
EP075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	2	%		44.0	----	----	----	----
Phenol-d6	13127-88-3	2	%		37.8	----	----	----	----
2-Chlorophenol-D4	93951-73-6	2	%		73.3	----	----	----	----
2.4.6-Tribromophenol	118-79-6	2	%		66.7	----	----	----	----
EP075T: Base/Neutral Extractable Surrogates									
Nitrobenzene-D5	4165-60-0	2	%		62.2	----	----	----	----
1.2-Dichlorobenzene-D4	2199-69-1	2	%		63.2	----	----	----	----
2-Fluorobiphenyl	321-60-8	2	%		69.0	----	----	----	----
Anthracene-d10	1719-06-8	2	%		102	----	----	----	----
4-Terphenyl-d14	1718-51-0	2	%		92.4	----	----	----	----
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	2	%		85.6	----	----	----	----
Toluene-D8	2037-26-5	2	%		95.8	----	----	----	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	T01_20220621	----	----	----	----
				Sampling date / time	21-Jun-2022 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit		ES2222461-001	--------	--------	--------	--------
					Result	----	----	----	----
EP080S: TPH(V)/BTEX Surrogates - Continued									
4-Bromofluorobenzene	460-00-4	2	%		**91.6**	----	----	----	----
EP231S: PFAS Surrogate									
13C4-PFOS	----	0.02	%		**116**	----	----	----	----
13C8-PFOA	----	0.02	%		**103**	----	----	----	----

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Surrogate Control Limits

Sub-Matrix: SEDIMENT		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

Sub-Matrix: WATER		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	67	111
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	67	111
EP074S: VOC Surrogates			
1.2-Dichloroethane-D4	17060-07-0	78	133
Toluene-D8	2037-26-5	79	129
4-Bromofluorobenzene	460-00-4	81	124
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	10	44
2-Chlorophenol-D4	93951-73-6	14	94
2.4.6-Tribromophenol	118-79-6	17	125
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	20	104
Anthracene-d10	1719-06-8	27	113
4-Terphenyl-d14	1718-51-0	32	112
EP075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	10	117
Phenol-d6	13127-88-3	10	69
2-Chlorophenol-D4	93951-73-6	21	130
2.4.6-Tribromophenol	118-79-6	10	151
EP075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-D5	4165-60-0	29	142
1.2-Dichlorobenzene-D4	2199-69-1	24	121
2-Fluorobiphenyl	321-60-8	27	135
Anthracene-d10	1719-06-8	27	113
4-Terphenyl-d14	1718-51-0	21	123
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	71	137
Toluene-D8	2037-26-5	79	131
4-Bromofluorobenzene	460-00-4	70	128
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120

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Sub-Matrix: **WATER**		Recovery Limits (%)	
Compound	*CAS Number*	*Low*	*High*
EP231S: PFAS Surrogate - Continued			
13C8-PFOA	----	60	120

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ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **ES2222461**	Page	: 1 of 21
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Contact	: Sarah Mathew
Address	: LEVEL 15 309 KENT STREET SYDNEY NSW AUSTRALIA 2000	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: 0571466 BRADFIELD	Date Samples Received	: 27-Jun-2022
Order number	: ----	Date Analysis Commenced	: 29-Jun-2022
C-O-C number	: ----	Issue Date	: 04-Jul-2022
Sampler	: ----		
Site	: ----		
Quote number	: EN/114		
No. of samples received	: 2		
No. of samples analysed	: 2		

Accreditation No. 825
Accredited for compliance with ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	Sydney Organics, Smithfield, NSW

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General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 4434479)									
ES2222359-034	Anonymous	EA055: Moisture Content	----	0.1	%	14.0	13.9	0.0	0% - 50%
ES2222547-001	Anonymous	EA055: Moisture Content	----	0.1	%	2.6	2.7	0.0	0% - 20%
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4432176)									
ES2222555-007	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 4432176)									
ES2222555-007	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4432176)									
ES2222555-007	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit

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Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report: LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4432176) - continued									
ES2222555-007	Anonymous	EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4432176)									
ES2222555-007	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit

Sub-Matrix: **WATER**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report: LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG020F: Dissolved Metals by ICP-MS (QC Lot: 4433041)									
ES2222461-001	T01_20220621	EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.0	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	0.014	0.015	0.0	0% - 50%
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-F: Nickel	7440-02-0	0.001	mg/L	0.009	0.009	0.0	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	0.042	0.043	0.0	No Limit
ES2223082-001	Anonymous	EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.0	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-F: Nickel	7440-02-0	0.001	mg/L	<0.001	0.002	72.9	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	0.016	107	No Limit
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4429681)									
ES2222362-001	Anonymous	EP074: Styrene	100-42-5	5	µg/L	<5	<5	0.0	No Limit

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Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 4429681) - continued									
ES2222362-001	Anonymous	EP074: Isopropylbenzene	98-82-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	5	µg/L	<5	<5	0.0	No Limit
ES2222583-001	Anonymous	EP074: Styrene	100-42-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: Isopropylbenzene	98-82-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	5	µg/L	<5	<5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 4429681)									
ES2222362-001	Anonymous	EP074: Vinyl Acetate	108-05-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	50	µg/L	<50	<50	0.0	No Limit
ES2222583-001	Anonymous	EP074: Vinyl Acetate	108-05-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	50	µg/L	<50	<50	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 4429681)									
ES2222362-001	Anonymous	EP074: Carbon disulfide	75-15-0	5	µg/L	<5	<5	0.0	No Limit
ES2222583-001	Anonymous	EP074: Carbon disulfide	75-15-0	5	µg/L	<5	<5	0.0	No Limit
EP074D: Fumigants (QC Lot: 4429681)									
ES2222362-001	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	5	µg/L	<5	<5	0.0	No Limit
ES2222583-001	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	5	µg/L	<5	<5	0.0	No Limit

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Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4429681)									
ES2222362-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Iodomethane	74-88-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	5	µg/L	<5	<5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloromethane	74-87-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: Bromomethane	74-83-9	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloroethane	75-00-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	50	µg/L	<50	<50	0.0	No Limit
ES2222583-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Iodomethane	74-88-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	5	µg/L	<5	<5	0.0	No Limit

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Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP074E: Halogenated Aliphatic Compounds (QC Lot: 4429681) - continued									
ES2222583-001	Anonymous	EP074: Tetrachloroethene	127-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloromethane	74-87-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: Bromomethane	74-83-9	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloroethane	75-00-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	50	µg/L	<50	<50	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 4429681)									
ES2222362-001	Anonymous	EP074: Chlorobenzene	108-90-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	5	µg/L	<5	<5	0.0	No Limit
ES2222583-001	Anonymous	EP074: Chlorobenzene	108-90-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	5	µg/L	<5	<5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 4429681)									
ES2222362-001	Anonymous	EP074: Chloroform	67-66-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromoform	75-25-2	5	µg/L	<5	<5	0.0	No Limit
ES2222583-001	Anonymous	EP074: Chloroform	67-66-3	5	µg/L	6	6	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromoform	75-25-2	5	µg/L	<5	<5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 4429680)									
ES2222362-001	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.0	No Limit
ES2222583-001	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4429680)									
ES2222362-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.0	No Limit

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Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 4429680) - continued									
ES2222583-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.0	No Limit
EP080: BTEXN (QC Lot: 4429680)									
ES2222362-001	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.0	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	<2	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.0	No Limit
ES2222583-001	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.0	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	<2	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 4430208)									
ES2222461-001	T01_20220621	EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.01	µg/L	0.02	0.02	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.01	µg/L	0.02	0.01	0.0	No Limit
		EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.02	µg/L	<0.02	<0.02	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 4430208)									
ES2222461-001	T01_20220621	EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.01	µg/L	<0.01	<0.01	0.0	No Limit
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.05	µg/L	<0.05	<0.05	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.1	µg/L	<0.1	<0.1	0.0	No Limit
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4430208)									
ES2222461-001	T01_20220621	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.02	µg/L	<0.02	<0.02	0.0	No Limit

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Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EP231C: Perfluoroalkyl Sulfonamides (QC Lot: 4430208) - continued									
ES2222461-001	T01_20220621	EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.02	µg/L	<0.02	<0.02	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.05	µg/L	<0.05	<0.05	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.05	µg/L	<0.05	<0.05	0.0	No Limit
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.05	µg/L	<0.05	<0.05	0.0	No Limit
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.05	µg/L	<0.05	<0.05	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 4430208)									
ES2222461-001	T01_20220621	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.05	µg/L	<0.05	<0.05	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.05	µg/L	<0.05	<0.05	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.05	µg/L	<0.05	<0.05	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.05	µg/L	<0.05	<0.05	0.0	No Limit
EP231P: PFAS Sums (QC Lot: 4430208)									
ES2222461-001	T01_20220621	EP231X: Sum of PFAS	----	0.01	µg/L	0.04	0.03	28.6	No Limit

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Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4432176)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	82.4	72.0	128
EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	104	73.0	123
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	99.6	67.0	130
EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	100	70.0	132
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	97.6	68.0	136
EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	96.8	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4432176)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	99.0	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	104	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	100	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	113	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	102	69.0	133
EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	98.8	72.0	129
EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.0002	mg/kg	<0.0002	0.00125 mg/kg	99.6	69.0	133
EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	83.6	64.0	136
EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	72.4	69.0	135
EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.0002	mg/kg	<0.0002	0.00125 mg/kg	74.0	66.0	139
EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	106	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4432176)								
EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	109	67.0	137
EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.0005	mg/kg	<0.0005	0.00312 mg/kg	107	71.6	129
EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	101	69.8	131
EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.0005	mg/kg	<0.0005	0.00312 mg/kg	102	68.7	130
EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.0005	mg/kg	<0.0005	0.00312 mg/kg	78.7	65.1	134
EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	110	63.0	144
EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.0002	mg/kg	<0.0002	0.00125 mg/kg	108	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4432176)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	89.6	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	102	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	116	65.0	137

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Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4432176) - continued								
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	120	69.2	143

Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EG020F: Dissolved Metals by ICP-MS (QCLot: 4433041)								
EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	92.7	85.0	114
EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	90.9	84.0	110
EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	90.5	85.0	111
EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	0.1 mg/L	91.8	81.0	111
EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	87.8	83.0	111
EG020A-F: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	88.4	82.0	112
EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	0.1 mg/L	94.1	81.0	117
EG035F: Dissolved Mercury by FIMS (QCLot: 4433042)								
EG035F: Mercury	7439-97-6	0.0001	mg/L	<0.0001	0.01 mg/L	94.1	83.0	105
EP068A: Organochlorine Pesticides (OC) (QCLot: 4428968)								
EP068: alpha-BHC	319-84-6	0.5	µg/L	<0.5	5 µg/L	106	64.9	107
EP068: Hexachlorobenzene (HCB)	118-74-1	0.5	µg/L	<0.5	5 µg/L	99.8	58.3	111
EP068: beta-BHC	319-85-7	0.5	µg/L	<0.5	5 µg/L	94.5	69.0	117
EP068: gamma-BHC	58-89-9	0.5	µg/L	<0.5	5 µg/L	90.3	70.0	112
EP068: delta-BHC	319-86-8	0.5	µg/L	<0.5	5 µg/L	98.9	68.9	110
EP068: Heptachlor	76-44-8	0.5	µg/L	<0.5	5 µg/L	100	65.2	108
EP068: Aldrin	309-00-2	0.5	µg/L	<0.5	5 µg/L	78.7	65.8	109
EP068: Heptachlor epoxide	1024-57-3	0.5	µg/L	<0.5	5 µg/L	91.2	67.1	107
EP068: trans-Chlordane	5103-74-2	0.5	µg/L	<0.5	5 µg/L	88.4	64.1	110
EP068: alpha-Endosulfan	959-98-8	0.5	µg/L	<0.5	5 µg/L	97.1	66.7	112
EP068: cis-Chlordane	5103-71-9	0.5	µg/L	<0.5	5 µg/L	98.2	63.2	111
EP068: Dieldrin	60-57-1	0.5	µg/L	<0.5	5 µg/L	96.9	65.2	113
EP068: 4.4`-DDE	72-55-9	0.5	µg/L	<0.5	5 µg/L	88.4	66.0	112
EP068: Endrin	72-20-8	0.5	µg/L	<0.5	5 µg/L	93.1	65.2	113
EP068: beta-Endosulfan	33213-65-9	0.5	µg/L	<0.5	5 µg/L	92.5	67.3	114
EP068: 4.4`-DDD	72-54-8	0.5	µg/L	<0.5	5 µg/L	89.4	72.0	122
EP068: Endrin aldehyde	7421-93-4	0.5	µg/L	<0.5	5 µg/L	96.6	66.9	109
EP068: Endosulfan sulfate	1031-07-8	0.5	µg/L	<0.5	5 µg/L	103	65.2	112
EP068: 4.4`-DDT	50-29-3	2	µg/L	<2.0	5 µg/L	104	65.2	112
EP068: Endrin ketone	53494-70-5	0.5	µg/L	<0.5	5 µg/L	101	63.8	110
EP068: Methoxychlor	72-43-5	2	µg/L	<2.0	5 µg/L	104	61.1	114
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4428968)								
EP068: Dichlorvos	62-73-7	0.5	µg/L	<0.5	5 µg/L	77.0	65.6	114

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP068B: Organophosphorus Pesticides (OP) (QCLot: 4428968) - continued								
EP068: Demeton-S-methyl	919-86-8	0.5	µg/L	<0.5	5 µg/L	99.4	63.7	113
EP068: Monocrotophos	6923-22-4	2	µg/L	<2.0	5 µg/L	25.0	19.7	48.0
EP068: Dimethoate	60-51-5	0.5	µg/L	<0.5	5 µg/L	92.6	69.5	110
EP068: Diazinon	333-41-5	0.5	µg/L	<0.5	5 µg/L	108	71.1	110
EP068: Chlorpyrifos-methyl	5598-13-0	0.5	µg/L	<0.5	5 µg/L	82.7	77.0	119
EP068: Parathion-methyl	298-00-0	2	µg/L	<2.0	5 µg/L	77.6	70.0	124
EP068: Malathion	121-75-5	0.5	µg/L	<0.5	5 µg/L	103	68.4	116
EP068: Fenthion	55-38-9	0.5	µg/L	<0.5	5 µg/L	90.2	68.6	112
EP068: Chlorpyrifos	2921-88-2	0.5	µg/L	<0.5	5 µg/L	80.1	75.0	119
EP068: Parathion	56-38-2	2	µg/L	<2.0	5 µg/L	91.0	67.0	121
EP068: Pirimphos-ethyl	23505-41-1	0.5	µg/L	<0.5	5 µg/L	106	69.0	121
EP068: Chlorfenvinphos	470-90-6	0.5	µg/L	<0.5	5 µg/L	86.3	71.8	110
EP068: Bromophos-ethyl	4824-78-6	0.5	µg/L	<0.5	5 µg/L	101	67.5	112
EP068: Fenamiphos	22224-92-6	0.5	µg/L	<0.5	5 µg/L	108	64.1	116
EP068: Prothiofos	34643-46-4	0.5	µg/L	<0.5	5 µg/L	89.3	67.8	114
EP068: Ethion	563-12-2	0.5	µg/L	<0.5	5 µg/L	82.5	74.0	120
EP068: Carbophenothion	786-19-6	0.5	µg/L	<0.5	5 µg/L	108	66.2	114
EP068: Azinphos Methyl	86-50-0	0.5	µg/L	<0.5	5 µg/L	93.9	51.6	128
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 4429681)								
EP074: Styrene	100-42-5	5	µg/L	<5	10 µg/L	96.3	73.0	119
EP074: Isopropylbenzene	98-82-8	5	µg/L	<5	10 µg/L	97.3	76.0	118
EP074: n-Propylbenzene	103-65-1	5	µg/L	<5	10 µg/L	94.5	69.0	119
EP074: 1.3.5-Trimethylbenzene	108-67-8	5	µg/L	<5	10 µg/L	95.5	74.0	116
EP074: sec-Butylbenzene	135-98-8	5	µg/L	<5	10 µg/L	94.6	73.0	119
EP074: 1.2.4-Trimethylbenzene	95-63-6	5	µg/L	<5	10 µg/L	97.6	74.0	116
EP074: tert-Butylbenzene	98-06-6	5	µg/L	<5	10 µg/L	95.0	72.0	116
EP074: p-Isopropyltoluene	99-87-6	5	µg/L	<5	10 µg/L	95.7	71.0	119
EP074: n-Butylbenzene	104-51-8	5	µg/L	<5	10 µg/L	94.7	65.0	123
EP074B: Oxygenated Compounds (QCLot: 4429681)								
EP074: Vinyl Acetate	108-05-4	50	µg/L	<50	100 µg/L	116	61.4	134
EP074: 2-Butanone (MEK)	78-93-3	50	µg/L	<50	100 µg/L	# 72.6	73.6	130
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	100 µg/L	89.9	66.0	132
EP074: 2-Hexanone (MBK)	591-78-6	50	µg/L	<50	100 µg/L	71.4	65.0	137
EP074C: Sulfonated Compounds (QCLot: 4429681)								
EP074: Carbon disulfide	75-15-0	5	µg/L	<5	10 µg/L	84.3	72.8	127
EP074D: Fumigants (QCLot: 4429681)								
EP074: 2.2-Dichloropropane	594-20-7	5	µg/L	<5	10 µg/L	92.5	68.0	122
EP074: 1.2-Dichloropropane	78-87-5	5	µg/L	<5	10 µg/L	99.5	76.0	118

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074D: Fumigants (QCLot: 4429681) - continued								
EP074: cis-1.3-Dichloropropylene	10061-01-5	5	µg/L	<5	10 µg/L	95.2	62.0	120
EP074: trans-1.3-Dichloropropylene	10061-02-6	5	µg/L	<5	10 µg/L	97.2	60.0	114
EP074: 1.2-Dibromoethane (EDB)	106-93-4	5	µg/L	<5	10 µg/L	101	69.0	117
EP074E: Halogenated Aliphatic Compounds (QCLot: 4429681)								
EP074: Dichlorodifluoromethane	75-71-8	50	µg/L	<50	100 µg/L	79.0	60.6	138
EP074: Chloromethane	74-87-3	50	µg/L	<50	100 µg/L	89.6	67.4	130
EP074: Vinyl chloride	75-01-4	50	µg/L	<50	100 µg/L	85.8	69.4	129
EP074: Bromomethane	74-83-9	50	µg/L	<50	100 µg/L	88.8	56.0	140
EP074: Chloroethane	75-00-3	50	µg/L	<50	100 µg/L	90.2	61.0	139
EP074: Trichlorofluoromethane	75-69-4	50	µg/L	<50	100 µg/L	93.6	69.0	131
EP074: 1.1-Dichloroethene	75-35-4	5	µg/L	<5	10 µg/L	95.7	70.0	124
EP074: Iodomethane	74-88-4	5	µg/L	<5	10 µg/L	106	70.2	128
EP074: trans-1.2-Dichloroethene	156-60-5	5	µg/L	<5	10 µg/L	95.2	74.0	118
EP074: 1.1-Dichloroethane	75-34-3	5	µg/L	<5	10 µg/L	97.7	74.0	120
EP074: cis-1.2-Dichloroethene	156-59-2	5	µg/L	<5	10 µg/L	102	77.0	119
EP074: 1.1.1-Trichloroethane	71-55-6	5	µg/L	<5	10 µg/L	91.1	67.0	119
EP074: 1.1-Dichloropropylene	563-58-6	5	µg/L	<5	10 µg/L	93.7	73.0	119
EP074: Carbon Tetrachloride	56-23-5	5	µg/L	<5	10 µg/L	88.0	62.0	120
EP074: 1.2-Dichloroethane	107-06-2	5	µg/L	<5	10 µg/L	108	73.0	123
EP074: Trichloroethene	79-01-6	5	µg/L	<5	10 µg/L	96.5	76.0	118
EP074: Dibromomethane	74-95-3	5	µg/L	<5	10 µg/L	104	73.0	119
EP074: 1.1.2-Trichloroethane	79-00-5	5	µg/L	<5	10 µg/L	105	72.0	126
EP074: 1.3-Dichloropropane	142-28-9	5	µg/L	<5	10 µg/L	109	71.0	129
EP074: Tetrachloroethene	127-18-4	5	µg/L	<5	10 µg/L	83.8	72.0	124
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	5	µg/L	<5	10 µg/L	93.4	66.0	114
EP074: trans-1.4-Dichloro-2-butene	110-57-6	5	µg/L	<5	10 µg/L	106	60.0	120
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	10 µg/L	106	70.6	128
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	5	µg/L	<5	10 µg/L	111	70.0	124
EP074: 1.2.3-Trichloropropane	96-18-4	5	µg/L	<5	10 µg/L	108	74.0	126
EP074: Pentachloroethane	76-01-7	5	µg/L	<5	10 µg/L	106	71.8	126
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	10 µg/L	95.8	66.4	136
EP074F: Halogenated Aromatic Compounds (QCLot: 4429681)								
EP074: Chlorobenzene	108-90-7	5	µg/L	<5	10 µg/L	98.9	79.0	117
EP074: Bromobenzene	108-86-1	5	µg/L	<5	10 µg/L	101	76.0	116
EP074: 2-Chlorotoluene	95-49-8	5	µg/L	<5	10 µg/L	97.2	73.0	119
EP074: 4-Chlorotoluene	106-43-4	5	µg/L	<5	10 µg/L	97.2	73.0	119
EP074: 1.2.3-Trichlorobenzene	87-61-6	5	µg/L	<5	10 µg/L	99.2	67.0	123
EP074G: Trihalomethanes (QCLot: 4429681)								

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP074G: Trihalomethanes (QCLot: 4429681) - continued								
EP074: Chloroform	67-66-3	5	µg/L	<5	10 µg/L	101	72.0	120
EP074: Bromodichloromethane	75-27-4	5	µg/L	<5	10 µg/L	94.8	64.0	118
EP074: Dibromochloromethane	124-48-1	5	µg/L	<5	10 µg/L	89.9	65.0	115
EP074: Bromoform	75-25-2	5	µg/L	<5	10 µg/L	88.6	73.5	126
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 4428967)								
EP075(SIM): Naphthalene	91-20-3	1	µg/L	<1.0	5 µg/L	68.0	50.0	94.0
EP075(SIM): Acenaphthylene	208-96-8	1	µg/L	<1.0	5 µg/L	70.9	63.6	114
EP075(SIM): Acenaphthene	83-32-9	1	µg/L	<1.0	5 µg/L	73.0	62.2	113
EP075(SIM): Fluorene	86-73-7	1	µg/L	<1.0	5 µg/L	70.0	63.9	115
EP075(SIM): Phenanthrene	85-01-8	1	µg/L	<1.0	5 µg/L	69.1	62.6	116
EP075(SIM): Anthracene	120-12-7	1	µg/L	<1.0	5 µg/L	76.4	64.3	116
EP075(SIM): Fluoranthene	206-44-0	1	µg/L	<1.0	5 µg/L	71.6	63.6	118
EP075(SIM): Pyrene	129-00-0	1	µg/L	<1.0	5 µg/L	71.0	63.1	118
EP075(SIM): Benz(a)anthracene	56-55-3	1	µg/L	<1.0	5 µg/L	76.6	64.1	117
EP075(SIM): Chrysene	218-01-9	1	µg/L	<1.0	5 µg/L	71.0	62.5	116
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	1	µg/L	<1.0	5 µg/L	72.9	61.7	119
EP075(SIM): Benzo(k)fluoranthene	207-08-9	1	µg/L	<1.0	5 µg/L	76.2	63.0	115
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	µg/L	<0.5	5 µg/L	79.4	63.3	117
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	1	µg/L	<1.0	5 µg/L	71.8	59.9	118
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	1	µg/L	<1.0	5 µg/L	73.4	61.2	117
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	1	µg/L	<1.0	5 µg/L	70.3	59.1	118
EP075A: Phenolic Compounds (QCLot: 4428969)								
EP075: Phenol	108-95-2	2	µg/L	<2	10 µg/L	35.8	25.5	64.1
EP075: 2-Chlorophenol	95-57-8	2	µg/L	<2	10 µg/L	66.9	52.0	88.0
EP075: 2-Methylphenol	95-48-7	2	µg/L	<2	10 µg/L	59.9	50.0	94.0
EP075: 3- & 4-Methylphenol	1319-77-3	2	µg/L	<2	10 µg/L	56.0	45.0	96.2
EP075: 2-Nitrophenol	88-75-5	2	µg/L	<2	10 µg/L	67.4	48.0	98.0
EP075: 2.4-Dimethylphenol	105-67-9	2	µg/L	<2	10 µg/L	# 48.2	50.0	94.0
EP075: 2.4-Dichlorophenol	120-83-2	2	µg/L	<2	10 µg/L	73.7	61.9	109
EP075: 2.6-Dichlorophenol	87-65-0	2	µg/L	<2	10 µg/L	68.7	61.5	108
EP075: 4-Chloro-3-methylphenol	59-50-7	2	µg/L	<2	10 µg/L	66.1	61.4	107
EP075: 2.4.6-Trichlorophenol	88-06-2	2	µg/L	<2	10 µg/L	71.3	57.6	112
EP075: 2.4.5-Trichlorophenol	95-95-4	2	µg/L	<2	10 µg/L	81.5	58.0	110
EP075: Pentachlorophenol	87-86-5	4	µg/L	<4	20 µg/L	70.6	12.8	95.0
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4428969)								
EP075: Naphthalene	91-20-3	2	µg/L	<2	10 µg/L	69.1	51.0	95.0
EP075: 2-Methylnaphthalene	91-57-6	2	µg/L	<2	10 µg/L	66.8	59.0	108

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075B: Polynuclear Aromatic Hydrocarbons (QCLot: 4428969) - continued								
EP075: 2-Chloronaphthalene	91-58-7	2	µg/L	<2	10 µg/L	68.3	60.6	106
EP075: Acenaphthylene	208-96-8	2	µg/L	<2	10 µg/L	# 62.8	64.0	108
EP075: Acenaphthene	83-32-9	2	µg/L	<2	10 µg/L	76.3	65.0	108
EP075: Fluorene	86-73-7	2	µg/L	<2	10 µg/L	74.8	65.2	107
EP075: Phenanthrene	85-01-8	2	µg/L	<2	10 µg/L	77.7	66.7	108
EP075: Anthracene	120-12-7	2	µg/L	<2	10 µg/L	77.9	65.8	108
EP075: Fluoranthene	206-44-0	2	µg/L	<2	10 µg/L	77.4	64.9	109
EP075: Pyrene	129-00-0	2	µg/L	<2	10 µg/L	77.4	60.1	111
EP075: N-2-Fluorenyl Acetamide	53-96-3	2	µg/L	<2	10 µg/L	68.0	59.7	110
EP075: Benz(a)anthracene	56-55-3	2	µg/L	<2	10 µg/L	68.9	62.2	112
EP075: Chrysene	218-01-9	2	µg/L	<2	10 µg/L	72.3	59.3	114
EP075: Benzo(b+j) & Benzo(k)fluoranthene	205-99-2 207-08-9	4	µg/L	<4	20 µg/L	81.5	60.1	111
EP075: 7.12-Dimethylbenz(a)anthracene	57-97-6	2	µg/L	<2	10 µg/L	91.7	50.0	108
EP075: Benzo(a)pyrene	50-32-8	2	µg/L	<2	10 µg/L	83.8	59.2	112
EP075: 3-Methylcholanthrene	56-49-5	2	µg/L	<2	10 µg/L	77.4	60.1	110
EP075: Indeno(1.2.3.cd)pyrene	193-39-5	2	µg/L	<2	10 µg/L	83.6	59.6	110
EP075: Dibenz(a.h)anthracene	53-70-3	2	µg/L	<2	10 µg/L	81.7	57.2	109
EP075: Benzo(g.h.i)perylene	191-24-2	2	µg/L	<2	10 µg/L	81.8	60.6	110
EP075: Benzo(a)pyrene TEQ (zero)	----	2	µg/L	<2	----	----	----	----
EP075C: Phthalate Esters (QCLot: 4428969)								
EP075: Dimethyl phthalate	131-11-3	2	µg/L	<2	10 µg/L	67.1	64.3	112
EP075: Diethyl phthalate	84-66-2	2	µg/L	<2	10 µg/L	80.2	67.3	111
EP075: Di-n-butyl phthalate	84-74-2	2	µg/L	<2	10 µg/L	82.4	68.4	122
EP075: Butyl benzyl phthalate	85-68-7	2	µg/L	<2	10 µg/L	78.5	61.2	114
EP075: bis(2-ethylhexyl) phthalate	117-81-7	----	µg/L	----	10 µg/L	91.4	60.0	132
EP075: Di-n-octylphthalate	117-84-0	2	µg/L	<2	10 µg/L	84.7	62.1	115
EP075D: Nitrosamines (QCLot: 4428969)								
EP075: N-Nitrosomethylethylamine	10595-95-6	2	µg/L	<2	10 µg/L	65.8	46.0	110
EP075: N-Nitrosodiethylamine	55-18-5	2	µg/L	<2	10 µg/L	70.9	60.6	113
EP075: N-Nitrosopyrrolidine	930-55-2	4	µg/L	<4	10 µg/L	50.5	45.0	91.0
EP075: N-Nitrosomorpholine	59-89-2	2	µg/L	<2	10 µg/L	51.4	42.0	100
EP075: N-Nitrosodi-n-propylamine	621-64-7	2	µg/L	<2	10 µg/L	72.0	63.5	108
EP075: N-Nitrosopiperidine	100-75-4	2	µg/L	<2	10 µg/L	69.4	61.7	107
EP075: N-Nitrosodibutylamine	924-16-3	2	µg/L	<2	10 µg/L	62.7	62.5	108
EP075: N-Nitrosodiphenyl & Diphenylamine	86-30-6 122-39-4	4	µg/L	<4	20 µg/L	75.3	64.6	112
EP075: Methapyrilene	91-80-5	2	µg/L	<2	10 µg/L	48.8	23.3	125
EP075E: Nitroaromatics and Ketones (QCLot: 4428969)								

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075E: Nitroaromatics and Ketones (QCLot: 4428969) - continued								
EP075: 2-Picoline	109-06-8	2	µg/L	<2	10 µg/L	# 30.3	41.0	109
EP075: Acetophenone	98-86-2	2	µg/L	<2	10 µg/L	68.9	68.3	112
EP075: Nitrobenzene	98-95-3	2	µg/L	<2	10 µg/L	69.7	68.3	112
EP075: Isophorone	78-59-1	2	µg/L	<2	10 µg/L	75.1	67.6	111
EP075: 2.6-Dinitrotoluene	606-20-2	4	µg/L	<4	10 µg/L	66.6	64.4	113
EP075: 2.4-Dinitrotoluene	121-14-2	4	µg/L	<4	10 µg/L	75.6	59.5	109
EP075: 1-Naphthylamine	134-32-7	2	µg/L	<2	10 µg/L	76.7	46.8	102
EP075: 4-Nitroquinoline-N-oxide	56-57-5	2	µg/L	<2	10 µg/L	82.0	40.0	96.0
EP075: 5-Nitro-o-toluidine	99-55-8	2	µg/L	<2	10 µg/L	85.9	58.3	106
EP075: Azobenzene	103-33-3	2	µg/L	<2	10 µg/L	81.0	66.0	112
EP075: 1.3.5-Trinitrobenzene	99-35-4	2	µg/L	<2	10 µg/L	76.5	46.0	108
EP075: Phenacetin	62-44-2	2	µg/L	<2	10 µg/L	68.8	57.8	101
EP075: 4-Aminobiphenyl	92-67-1	2	µg/L	<2	10 µg/L	69.0	60.1	112
EP075: Pentachloronitrobenzene	82-68-8	2	µg/L	<2	10 µg/L	74.3	59.0	109
EP075: Pronamide	23950-58-5	2	µg/L	<2	10 µg/L	82.0	62.7	109
EP075: Dimethylaminoazobenzene	60-11-7	2	µg/L	<2	10 µg/L	74.3	59.4	108
EP075: Chlorobenzilate	510-15-6	2	µg/L	<2	10 µg/L	79.3	57.7	110
EP075F: Haloethers (QCLot: 4428969)								
EP075: Bis(2-chloroethyl) ether	111-44-4	2	µg/L	<2	10 µg/L	83.8	69.1	112
EP075: Bis(2-chloroethoxy) methane	111-91-1	2	µg/L	<2	10 µg/L	73.9	66.2	111
EP075: 4-Chlorophenyl phenyl ether	7005-72-3	2	µg/L	<2	10 µg/L	73.0	64.7	109
EP075: 4-Bromophenyl phenyl ether	101-55-3	2	µg/L	<2	10 µg/L	74.2	61.6	108
EP075G: Chlorinated Hydrocarbons (QCLot: 4428969)								
EP075: 1.4-Dichlorobenzene	106-46-7	2	µg/L	<2	10 µg/L	66.3	41.0	97.0
EP075: 1.3-Dichlorobenzene	541-73-1	2	µg/L	<2	10 µg/L	68.0	40.0	96.0
EP075: 1.2-Dichlorobenzene	95-50-1	2	µg/L	<2	10 µg/L	68.7	41.0	95.0
EP075: Hexachloroethane	67-72-1	2	µg/L	<2	10 µg/L	56.9	46.0	88.0
EP075: 1.2.4-Trichlorobenzene	120-82-1	2	µg/L	<2	10 µg/L	66.4	46.0	96.0
EP075: Hexachloropropylene	1888-71-7	2	µg/L	<2	10 µg/L	62.0	34.0	96.0
EP075: Hexachlorobutadiene	87-68-3	2	µg/L	<2	10 µg/L	60.2	37.4	100
EP075: Hexachlorocyclopentadiene	77-47-4	10	µg/L	<10	10 µg/L	79.8	23.5	107
EP075: Pentachlorobenzene	608-93-5	2	µg/L	<2	10 µg/L	70.2	64.5	107
EP075: Hexachlorobenzene (HCB)	118-74-1	4	µg/L	<4	10 µg/L	68.5	65.7	110
EP075H: Anilines and Benzidines (QCLot: 4428969)								
EP075: Aniline	62-53-3	2	µg/L	<2	10 µg/L	62.7	50.0	104
EP075: 4-Chloroaniline	106-47-8	2	µg/L	<2	10 µg/L	68.8	42.0	106
EP075: 2-Nitroaniline	88-74-4	4	µg/L	<4	10 µg/L	73.1	60.9	110
EP075: 3-Nitroaniline	99-09-2	4	µg/L	<4	10 µg/L	78.1	51.5	96.9

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP075H: Anilines and Benzidines (QCLot: 4428969) - continued								
EP075: Dibenzofuran	132-64-9	2	µg/L	<2	10 µg/L	74.9	65.3	108
EP075: 4-Nitroaniline	100-01-6	2	µg/L	<2	10 µg/L	75.7	48.9	99.5
EP075: Carbazole	86-74-8	2	µg/L	<2	10 µg/L	80.5	64.3	107
EP075: 3.3`-Dichlorobenzidine	91-94-1	2	µg/L	<2	10 µg/L	67.1	60.3	119
EP075I: Organochlorine Pesticides (QCLot: 4428969)								
EP075: alpha-BHC	319-84-6	2	µg/L	<2	10 µg/L	75.8	64.3	110
EP075: beta-BHC	319-85-7	2	µg/L	<2	10 µg/L	80.1	53.0	107
EP075: gamma-BHC	58-89-9	2	µg/L	<2	10 µg/L	73.0	51.0	111
EP075: delta-BHC	319-86-8	2	µg/L	<2	10 µg/L	82.1	57.0	111
EP075: Heptachlor	76-44-8	2	µg/L	<2	10 µg/L	76.2	57.9	108
EP075: Aldrin	309-00-2	2	µg/L	<2	10 µg/L	75.2	56.0	112
EP075: Heptachlor epoxide	1024-57-3	2	µg/L	<2	10 µg/L	74.3	50.0	118
EP075: alpha-Endosulfan	959-98-8	2	µg/L	<2	10 µg/L	78.6	59.0	111
EP075: 4.4`-DDE	72-55-9	2	µg/L	<2	10 µg/L	77.5	53.0	115
EP075: Dieldrin	60-57-1	2	µg/L	<2	10 µg/L	80.5	59.0	115
EP075: Endrin	72-20-8	2	µg/L	<2	10 µg/L	82.8	58.0	114
EP075: beta-Endosulfan	33213-65-9	2	µg/L	<2	10 µg/L	78.7	54.0	116
EP075: 4.4`-DDD	72-54-8	2	µg/L	<2	10 µg/L	78.4	55.0	115
EP075: Endosulfan sulfate	1031-07-8	2	µg/L	<2	10 µg/L	77.9	52.8	114
EP075: 4.4`-DDT	50-29-3	4	µg/L	<4	10 µg/L	72.1	56.0	114
EP075: Sum of Aldrin + Dieldrin	309-00-2/60-57-1	4	µg/L	<4	----	----	----	----
EP075: Sum of DDD + DDE + DDT	72-54-8/72-5 5-9/50-2	4	µg/L	<4	----	----	----	----
EP075J: Organophosphorus Pesticides (QCLot: 4428969)								
EP075: Dichlorvos	62-73-7	2	µg/L	<2	10 µg/L	75.6	51.0	113
EP075: Dimethoate	60-51-5	2	µg/L	<2	10 µg/L	68.2	43.0	109
EP075: Diazinon	333-41-5	2	µg/L	<2	10 µg/L	77.9	49.0	113
EP075: Chlorpyrifos-methyl	5598-13-0	2	µg/L	<2	10 µg/L	79.2	54.1	116
EP075: Malathion	121-75-5	2	µg/L	<2	10 µg/L	94.1	54.0	124
EP075: Fenthion	55-38-9	2	µg/L	<2	10 µg/L	78.3	57.0	115
EP075: Chlorpyrifos	2921-88-2	2	µg/L	<2	10 µg/L	80.4	53.0	109
EP075: Pirimphos-ethyl	23505-41-1	2	µg/L	<2	10 µg/L	81.6	55.0	111
EP075: Chlorfenvinphos	470-90-6	2	µg/L	<2	10 µg/L	76.0	50.0	116
EP075: Prothiofos	34643-46-4	2	µg/L	<2	10 µg/L	79.3	54.0	118
EP075: Ethion	563-12-2	2	µg/L	<2	10 µg/L	81.1	51.0	117
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4428970)								
EP071: C10 - C14 Fraction	----	50	µg/L	<50	400 µg/L	71.0	55.8	112

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
				Result	Concentration	LCS	Low	High
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4428970) - continued								
EP071: C15 - C28 Fraction	----	100	µg/L	<100	600 µg/L	88.7	71.6	113
EP071: C29 - C36 Fraction	----	50	µg/L	<50	400 µg/L	83.9	56.0	121
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4429680)								
EP080: C6 - C9 Fraction	----	20	µg/L	<20	260 µg/L	98.0	75.0	127
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4428970)								
EP071: >C10 - C16 Fraction	----	100	µg/L	<100	500 µg/L	69.3	57.9	119
EP071: >C16 - C34 Fraction	----	100	µg/L	<100	700 µg/L	74.0	62.5	110
EP071: >C34 - C40 Fraction	----	100	µg/L	<100	300 µg/L	77.1	61.5	121
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4429680)								
EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	310 µg/L	97.3	75.0	127
EP080: BTEXN (QCLot: 4429680)								
EP080: Benzene	71-43-2	1	µg/L	<1	10 µg/L	94.4	70.0	122
EP080: Toluene	108-88-3	2	µg/L	<2	10 µg/L	96.1	69.0	123
EP080: Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	97.0	70.0	120
EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	10 µg/L	95.1	69.0	121
EP080: ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	97.1	72.0	122
EP080: Naphthalene	91-20-3	5	µg/L	<5	10 µg/L	100	70.0	120
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4430208)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.02	µg/L	<0.02	0.25 µg/L	110	72.0	130
EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.02	µg/L	<0.02	0.25 µg/L	110	71.0	127
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.01	µg/L	<0.01	0.25 µg/L	104	68.0	131
EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.02	µg/L	<0.02	0.25 µg/L	123	69.0	134
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.01	µg/L	<0.01	0.25 µg/L	117	65.0	140
EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.02	µg/L	<0.02	0.25 µg/L	123	53.0	142
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4430208)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.1	µg/L	<0.1	1.25 µg/L	95.9	73.0	129
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.02	µg/L	<0.02	0.25 µg/L	115	72.0	129
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.02	µg/L	<0.02	0.25 µg/L	114	72.0	129
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.02	µg/L	<0.02	0.25 µg/L	118	72.0	130
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.01	µg/L	<0.01	0.25 µg/L	119	71.0	133
EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.02	µg/L	<0.02	0.25 µg/L	125	69.0	130
EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.02	µg/L	<0.02	0.25 µg/L	118	71.0	129
EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.02	µg/L	<0.02	0.25 µg/L	123	69.0	133
EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.02	µg/L	<0.02	0.25 µg/L	121	72.0	134
EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.02	µg/L	<0.02	0.25 µg/L	128	65.0	144
EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.05	µg/L	<0.05	0.625 µg/L	118	71.0	132
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4430208)								

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Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4430208) - continued								
EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.02	µg/L	<0.02	0.25 µg/L	126	67.0	137
EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.05	µg/L	<0.05	0.625 µg/L	101	68.0	141
EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.05	µg/L	<0.05	0.625 µg/L	106	62.6	147
EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.05	µg/L	<0.05	0.625 µg/L	112	66.0	145
EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.05	µg/L	<0.05	0.625 µg/L	116	57.6	145
EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.02	µg/L	<0.02	0.25 µg/L	105	65.0	136
EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.02	µg/L	<0.02	0.25 µg/L	124	61.0	135
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4430208)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.05	µg/L	<0.05	0.25 µg/L	110	63.0	143
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.05	µg/L	<0.05	0.25 µg/L	115	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.05	µg/L	<0.05	0.25 µg/L	110	67.0	138
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.05	µg/L	<0.05	0.25 µg/L	114	71.4	144

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%): MS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4432176)							
ES2222555-007	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	79.6	72.0	128
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.00125 mg/kg	109	73.0	123
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	99.2	67.0	130
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.00125 mg/kg	94.8	70.0	132
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	104	68.0	136
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.00125 mg/kg	104	59.0	134
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4432176)							
ES2222555-007	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	106	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	102	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	102	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	111	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	101	69.0	133
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.00125 mg/kg	87.2	72.0	129
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.00125 mg/kg	90.0	69.0	133

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Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%) MS	Acceptable Limits (%) Low	Acceptable Limits (%) High
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4432176) - continued							
ES2222555-007	Anonymous	EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.00125 mg/kg	81.6	64.0	136
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.00125 mg/kg	80.0	69.0	135
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.00125 mg/kg	73.6	66.0	139
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.00312 mg/kg	101	69.0	133
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4432176)							
ES2222555-007	Anonymous	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.00125 mg/kg	106	67.0	137
		EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.00312 mg/kg	107	71.6	129
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.00312 mg/kg	95.2	69.8	131
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.00312 mg/kg	101	68.7	130
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.00312 mg/kg	75.3	65.1	134
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.00125 mg/kg	108	63.0	144
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.00125 mg/kg	116	61.0	139
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4432176)							
ES2222555-007	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	90.0	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	101	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	111	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	125	69.2	143

Sub-Matrix: **WATER**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%) MS	Acceptable Limits (%) Low	Acceptable Limits (%) High
EG020F: Dissolved Metals by ICP-MS (QCLot: 4433041)							
ES2222642-002	Anonymous	EG020A-F: Arsenic	7440-38-2	1 mg/L	77.9	70.0	130
		EG020A-F: Cadmium	7440-43-9	0.25 mg/L	80.6	70.0	130
		EG020A-F: Chromium	7440-47-3	1 mg/L	78.7	70.0	130
		EG020A-F: Copper	7440-50-8	1 mg/L	80.8	70.0	130
		EG020A-F: Lead	7439-92-1	1 mg/L	89.8	70.0	130
		EG020A-F: Nickel	7440-02-0	1 mg/L	79.5	70.0	130
		EG020A-F: Zinc	7440-66-6	1 mg/L	81.7	70.0	130
EG035F: Dissolved Mercury by FIMS (QCLot: 4433042)							
ES2222461-001	T01_20220621	EG035F: Mercury	7439-97-6	0.01 mg/L	81.2	70.0	130
EP074E: Halogenated Aliphatic Compounds (QCLot: 4429681)							
ES2222362-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	25 µg/L	73.2	70.0	130

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Sub-Matrix: **WATER**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP074E: Halogenated Aliphatic Compounds (QCLot: 4429681) - continued							
ES2222362-001	Anonymous	EP074: Trichloroethene	79-01-6	25 µg/L	87.8	70.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 4429681)							
ES2222362-001	Anonymous	EP074: Chlorobenzene	108-90-7	25 µg/L	89.2	70.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 4429680)							
ES2222362-001	Anonymous	EP080: C6 - C9 Fraction	----	325 µg/L	101	70.0	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 4429680)							
ES2222362-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	375 µg/L	110	70.0	130
EP080: BTEXN (QCLot: 4429680)							
ES2222362-001	Anonymous	EP080: Benzene	71-43-2	25 µg/L	105	70.0	130
		EP080: Toluene	108-88-3	25 µg/L	108	70.0	130
		EP080: Ethylbenzene	100-41-4	25 µg/L	113	70.0	130
		EP080: meta- & para-Xylene	108-38-3 106-42-3	25 µg/L	110	70.0	130
		EP080: ortho-Xylene	95-47-6	25 µg/L	112	70.0	130
		EP080: Naphthalene	91-20-3	25 µg/L	118	70.0	130
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 4430208)							
ES2222461-001	T01_20220621	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.25 µg/L	120	72.0	130
		EP231X: Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.25 µg/L	121	71.0	127
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.25 µg/L	116	68.0	131
		EP231X: Perfluoroheptane sulfonic acid (PFHpS)	375-92-8	0.25 µg/L	128	69.0	134
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.25 µg/L	117	65.0	140
		EP231X: Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.25 µg/L	128	53.0	142
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 4430208)							
ES2222461-001	T01_20220621	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	1.25 µg/L	107	73.0	129
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.25 µg/L	126	72.0	129
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.25 µg/L	124	72.0	129
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.25 µg/L	125	72.0	130
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.25 µg/L	126	71.0	133
		EP231X: Perfluorononanoic acid (PFNA)	375-95-1	0.25 µg/L	122	69.0	130
		EP231X: Perfluorodecanoic acid (PFDA)	335-76-2	0.25 µg/L	126	71.0	129
		EP231X: Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.25 µg/L	126	69.0	133
		EP231X: Perfluorododecanoic acid (PFDoDA)	307-55-1	0.25 µg/L	127	72.0	134
		EP231X: Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.25 µg/L	125	65.0	144
		EP231X: Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.625 µg/L	121	71.0	132
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4430208)							
ES2222461-001	T01_20220621	EP231X: Perfluorooctane sulfonamide (FOSA)	754-91-6	0.25 µg/L	122	67.0	137

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Sub-Matrix: **WATER**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*Concentration*	*MS*	*Low*	*High*
EP231C: Perfluoroalkyl Sulfonamides (QCLot: 4430208) - continued							
ES2222461-001	T01_20220621	EP231X: N-Methyl perfluorooctane sulfonamide (MeFOSA)	31506-32-8	0.625 µg/L	106	68.0	141
		EP231X: N-Ethyl perfluorooctane sulfonamide (EtFOSA)	4151-50-2	0.625 µg/L	109	62.6	147
		EP231X: N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	24448-09-7	0.625 µg/L	116	66.0	145
		EP231X: N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	1691-99-2	0.625 µg/L	129	57.6	145
		EP231X: N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	2355-31-9	0.25 µg/L	119	65.0	136
		EP231X: N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	2991-50-6	0.25 µg/L	123	61.0	135
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 4430208)							
ES2222461-001	T01_20220621	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.25 µg/L	102	63.0	143
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.25 µg/L	111	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.25 µg/L	120	67.0	138
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.25 µg/L	119	71.4	144

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ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2222461**	Page	: 1 of 11
Client	: **ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)**	Laboratory	: Environmental Division Sydney
Contact	: NICHOLAS GRBICH	Telephone	: +61-2-8784 8555
Project	: 0571466 BRADFIELD	Date Samples Received	: 27-Jun-2022
Site	: ----	Issue Date	: 04-Jul-2022
Sampler	: ----	No. of samples received	: 2
Order number	: ----	No. of samples analysed	: 2

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Duplicate outliers occur.**
- **NO Matrix Spike outliers occur.**
- **Laboratory Control outliers exist - please see following pages for full details.**
- **For all regular sample matrices, NO surrogate recovery outliers occur.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **Quality Control Sample Frequency Outliers exist - please see following pages for full details.**

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Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: **WATER**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
Laboratory Control Spike (LCS) Recoveries							
EP074B: Oxygenated Compounds	QC-4429681-002	----	**2-Butanone (MEK)**	78-93-3	72.6 %	73.6-130%	**Recovery less than lower control limit**
EP075A: Phenolic Compounds	QC-4428969-002	----	**2.4-Dimethylphenol**	105-67-9	48.2 %	50.0-94.0%	**Recovery less than lower control limit**
EP075B: Polynuclear Aromatic Hydrocarbons	QC-4428969-002	----	**Acenaphthylene**	208-96-8	62.8 %	64.0-108%	**Recovery less than lower control limit**
EP075E: Nitroaromatics and Ketones	QC-4428969-002	----	**2-Picoline**	109-06-8	30.3 %	41.0-109%	**Recovery less than lower control limit**

Outliers : Analysis Holding Time Compliance

Matrix: **WATER**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EP068A: Organochlorine Pesticides (OC)						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP068B: Organophosphorus Pesticides (OP)						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075A: Phenolic Compounds						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075B: Polynuclear Aromatic Hydrocarbons						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075C: Phthalate Esters						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075D: Nitrosamines						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075E: Nitroaromatics and Ketones						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075F: Haloethers						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075G: Chlorinated Hydrocarbons						

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Matrix: **WATER**

Method / Container / Client Sample ID(s)	Extraction / Preparation: Date extracted	Extraction / Preparation: Due for extraction	Extraction / Preparation: Days overdue	Analysis: Date analysed	Analysis: Due for analysis	Analysis: Days overdue
EP075G: Chlorinated Hydrocarbons - Analysis Holding Time Compliance						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075H: Anilines and Benzidines						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075I: Organochlorine Pesticides						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP075J: Organophosphorus Pesticides						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP080/071: Total Petroleum Hydrocarbons						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions						
Amber Glass Bottle - Unpreserved						
T01_20220621	29-Jun-2022	28-Jun-2022	**1**	----	----	----

Outliers : Frequency of Quality Control Samples

Matrix: **WATER**

Quality Control Sample Type / Method	Count: QC	Count: Regular	Rate (%): Actual	Rate (%): Expected	Quality Control Specification
Laboratory Duplicates (DUP)					
Dissolved Mercury by FIMS	0	1	0.00	10.00	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (GC/MS - SIM)	0	2	0.00	10.00	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	1	19	5.26	10.00	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	0	1	0.00	10.00	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	0	1	0.00	10.00	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	0	3	0.00	10.00	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)					
PAH/Phenols (GC/MS - SIM)	0	2	0.00	5.00	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	0	1	0.00	5.00	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	0	1	0.00	5.00	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	0	3	0.00	5.00	NEPM 2013 B3 & ALS QC Standard

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Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
HDPE Soil Jar (EA055)							
T01_20220621	**21-Jun-2022**	**----**	----	----	**01-Jul-2022**	05-Jul-2022	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	10-Aug-2022	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	10-Aug-2022	✓
EP231C: Perfluoroalkyl Sulfonamides							
HDPE Soil Jar (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	10-Aug-2022	✓
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	10-Aug-2022	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	10-Aug-2022	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EG020F: Dissolved Metals by ICP-MS							
Clear Plastic Bottle - Nitric Acid; Filtered (EG020A-F)							
T01_20220621	**21-Jun-2022**	**----**	----	----	**01-Jul-2022**	18-Dec-2022	✓
EG035F: Dissolved Mercury by FIMS							
Clear Plastic Bottle - Nitric Acid; Filtered (EG035F)							
T01_20220621	**21-Jun-2022**	**----**	----	----	**01-Jul-2022**	19-Jul-2022	✓
EP068A: Organochlorine Pesticides (OC)							
Amber Glass Bottle - Unpreserved (EP068)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓

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Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP068B: Organophosphorus Pesticides (OP)							
Amber Glass Bottle - Unpreserved (EP068)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP074A: Monocyclic Aromatic Hydrocarbons							
Amber VOC Vial - Sulfuric Acid (EP074)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP074B: Oxygenated Compounds							
Amber VOC Vial - Sulfuric Acid (EP074)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP074C: Sulfonated Compounds							
Amber VOC Vial - Sulfuric Acid (EP074)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP074D: Fumigants							
Amber VOC Vial - Sulfuric Acid (EP074)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP074E: Halogenated Aliphatic Compounds							
Amber VOC Vial - Sulfuric Acid (EP074)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP074F: Halogenated Aromatic Compounds							
Amber VOC Vial - Sulfuric Acid (EP074)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP074G: Trihalomethanes							
Amber VOC Vial - Sulfuric Acid (EP074)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Amber Glass Bottle - Unpreserved (EP075(SIM))							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075A: Phenolic Compounds							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075B: Polynuclear Aromatic Hydrocarbons							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075C: Phthalate Esters							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075D: Nitrosamines							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓

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Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075E: Nitroaromatics and Ketones							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075F: Haloethers							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075G: Chlorinated Hydrocarbons							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075H: Anilines and Benzidines							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075I: Organochlorine Pesticides							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP075J: Organophosphorus Pesticides							
Amber Glass Bottle - Unpreserved (EP075)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
EP080/071: Total Petroleum Hydrocarbons							
Amber Glass Bottle - Unpreserved (EP071)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
Amber VOC Vial - Sulfuric Acid (EP080)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Amber Glass Bottle - Unpreserved (EP071)							
T01_20220621	**21-Jun-2022**	**29-Jun-2022**	28-Jun-2022	×	**04-Jul-2022**	08-Aug-2022	✓
Amber VOC Vial - Sulfuric Acid (EP080)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP080: BTEXN							
Amber VOC Vial - Sulfuric Acid (EP080)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	05-Jul-2022	✓	**01-Jul-2022**	05-Jul-2022	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE (no PTFE) (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	18-Dec-2022	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE (no PTFE) (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	18-Dec-2022	✓
EP231C: Perfluoroalkyl Sulfonamides							
HDPE (no PTFE) (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	18-Dec-2022	✓

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Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE (no PTFE) (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	18-Dec-2022	✓
EP231P: PFAS Sums							
HDPE (no PTFE) (EP231X)							
T01_20220621	**21-Jun-2022**	**01-Jul-2022**	18-Dec-2022	✓	**01-Jul-2022**	18-Dec-2022	✓

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Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Laboratory Duplicates (DUP)							
Moisture Content	EA055	2	19	10.53	10.00	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	7	14.29	10.00	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	7	14.29	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	7	14.29	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	7	14.29	5.00	✓	NEPM 2013 B3 & ALS QC Standard

Matrix: **WATER**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Laboratory Duplicates (DUP)							
Dissolved Mercury by FIMS	EG035F	0	1	0.00	10.00	×	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	2	1	200.00	10.00	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	0	2	0.00	10.00	×	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	19	5.26	10.00	×	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	0	1	0.00	10.00	×	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	0	1	0.00	10.00	×	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	0	3	0.00	10.00	×	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	18	11.11	10.00	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	2	20	10.00	10.00	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
Dissolved Mercury by FIMS	EG035F	1	1	100.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	1	100.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	1	2	50.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	19	5.26	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	1	100.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	1	100.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	3	33.33	5.00	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	5.56	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	20	5.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
Dissolved Mercury by FIMS	EG035F	1	1	100.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	1	100.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	1	2	50.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard

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Matrix: **WATER**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Method Blanks (MB) - Continued							
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	3	**33.33**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
Dissolved Mercury by FIMS	EG035F	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	1	**100.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	0	2	**0.00**	**5.00**	×	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	0	1	**0.00**	**5.00**	×	NEPM 2013 B3 & ALS QC Standard
Semivolatile Organic Compounds	EP075	0	1	**0.00**	**5.00**	×	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	0	3	**0.00**	**5.00**	×	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

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Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by LC-Electrospray-MS-MS, Negative Mode using MRM using internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to a portion of soil which is then extracted with MTBE and an ion pairing reagent. A portion of extract is exchanged into the analytical solvent mixture, combined with an equal volume reagent water and filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.
Dissolved Metals by ICP-MS - Suite A	EG020A-F	WATER	In house: Referenced to APHA 3125; USEPA SW846 - 6020, ALS QWI-EN/EG020. Samples are 0.45µm filtered prior to analysis. The ICPMS technique utilizes a highly efficient argon plasma to ionize selected elements. Ions are then passed into a high vacuum mass spectrometer, which separates the analytes based on their distinct mass to charge ratios prior to their measurement by a discrete dynode ion detector.
Dissolved Mercury by FIMS	EG035F	WATER	In house: Referenced to APHA 3112 Hg - B (Flow-injection (SnCl2)(Cold Vapour generation) AAS) Samples are 0.45µm filtered prior to analysis. FIM-AAS is an automated flameless atomic absorption technique. A bromate/bromide reagent is used to oxidise any organic mercury compounds in the filtered sample. The ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3).
Pesticides by GCMS	EP068	WATER	In house: Referenced to USEPA SW 846 - 8270 Sample extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH - Semivolatile Fraction	EP071	WATER	In house: Referenced to USEPA SW 846 - 8015 The sample extract is analysed by Capillary GC/FID and quantification is by comparison against an established 5 point calibration curve of n-Alkane standards. This method is compliant with the QC requirements of NEPM Schedule B(3)
Volatile Organic Compounds	EP074	WATER	In house: Referenced to USEPA SW 846 - 8260 Water samples are directly purged prior to analysis by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
Semivolatile Organic Compounds	EP075	WATER	In house: Referenced to USEPA SW 846 - 8270 Sample extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	WATER	In house: Referenced to USEPA SW 846 - 8270 Sample extracts are analysed by Capillary GC/MS in SIM Mode and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	WATER	In house: Referenced to USEPA SW 846 - 8260 Water samples are directly purged prior to analysis by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. Alternatively, a sample is equilibrated in a headspace vial and a portion of the headspace determined by GCMS analysis. This method is compliant with the QC requirements of NEPM Schedule B(3)

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Analytical Methods	Method	Matrix	Method Descriptions
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	WATER	In-house: Analysis of fresh and saline waters by Solid Phase Extraction (SPE) followed by LC-Electrospray-MS-MS, Negative Mode using MRM and internal standard quantitation. Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to the sample container. The entire contents are transferred to a solid phase extraction (SPE) cartridge. The sample container is successively rinsed with aliquots of the elution solvent. The eluted extract is combined with an equal volume of reagent water and a portion is filtered for analysis. Method procedures and data quality objectives conform to US DoD QSM 5.3, table B-15 requirements.

Preparation Methods	Method	Matrix	Method Descriptions
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.
Separatory Funnel Extraction of Liquids	ORG14	WATER	In house: Referenced to USEPA SW 846 - 3510 100 mL to 1L of sample is transferred to a separatory funnel and serially extracted three times using DCM for each extract. The resultant extracts are combined, dehydrated and concentrated for analysis. This method is compliant with NEPM Schedule B(3) . ALS default excludes sediment which may be resident in the container.
Volatiles Water Preparation	ORG16-W	WATER	A 5 mL aliquot or 5 mL of a diluted sample is added to a 40 mL VOC vial for purging.
Solid Phase Extraction (SPE) for PFAS in water	ORG72	WATER	In-house: Isotopically labelled analogues of target analytes used as internal standards and surrogates are added to the sample container. The entire contents are transferred to a solid phase extraction (SPE) cartridge. The sample container is successively rinsed with aliquots of the elution solvent. The eluted extract is combined with an equal volume of reagent water and a portion is filtered for analysis. Method procedures conform to US DoD QSM 5.3, table B-15 requirements.

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CHAIN OF CUSTODY RECORD

Company Name* : Environmental Resources Management (ERM)	Contact Name* : Jack Emblen	Purchase Order :	COC Number :
Office Address* : Level 15, 309 Kent Street, Sydney NSW 2000	Project Manager : Nicholas Grbich	Project Number : 0571466	Quote ID* :
	Email for Results* : nicholas.grbich@erm.com; jack.emblen@erm.com	Project Name : Bradfield	Data Output Format* : Excel

Special Directions & Comments :

Eurofins | mgt DI Water Batch Number :

Analytes* :

	Sample ID* :	Date :	Matrix* :	Water Suite B*	PFAS	BTEX
1	SW7	21/06/2022	Water	●		
2	SW8	21/06/2022	Water	●		
3	SW9	21/06/2022	Water	●		
4	SW10	21/06/2022	Water	●		
5	D01_20220621	21/06/2022	Water	●		
6	D01_20220621	21/06/2022	Sediment		●	
7	T01_20220621 1	21/06/2022	Water	●		
8	T01_20220621 2	21/06/2022	Sediment		●	
9	TS/TB	21/06/2021	Water			●
10						
11						
12						
13						
14						
15						
16						

Some common holding times (with correct preservation) - For further information contact the lab

Waters		Soils	
BTEX, MAH, VOC	14 days	BTEX, MAH, VOC	14 days
TRH, PAH, Phenols, Pesticides	7 days	TRH, PAH, Phenols, Pesticides	14 days
Heavy Metals	6 months	Heavy Metals	6 months
Mercury, CrVI	28 days	Mercury, CrVI	28 days
Microbiological testing	24 hours	Microbiological testing	72 hours
BOD, Nitrate, Nitrite, Total N	2 days	Anions	28 days
Solids - TSS, TDS etc	7 days	SPOCAS, pH Field and FOX, CrS	24 hours
Ferrous Iron	7 days	ASLP, TCLP	7 days

Containers* :

500P	250P	125P	200A	40mL vial	500 PFAS

Comments

*Water Suite B = PFAS, TRH/BTEX/PAHs, SVOCs/VOCs, heavy metals (8), OCP/OPP

Please Forward To ALS

Please Forward To ALS

Environmental Division
Sydney
Work Order Reference
ES2222461

Telephone : +61-2-8784 8555

Laboratory Staff	Turn Around Time :	Method Of Shipment :	Temperature on Arrival :
Relinquished By* : Jack Emblen	☐ 1 DAY ☐ 2 DAY ☐ 3 DAY	☐ Hand Delivered	0.9°C
Date & Time* : 22/06/2022 09:30am	☑ 5 DAY ☐ 10 DAY	☑ Courier	Report Number :
Signature* :	☐ Other:	Courier Consignment # :	#900382
Received By : RP Willis			
Date & Time : 22/6/22	5:51pm		
Signature :			

rec: TAS 27/6/22 11:05

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APPENDIX G PROJECT QAQC ASSESSMENT

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Appendix G Project QAQC Assessment

The objective of this data assessment is to evaluate the quality of data gathered during the project. This process has been undertaken to assess whether the sample data is of a suitable standard to be utilised in this report. The data assessment consists of comparing field and laboratory QA/QC results to documented NEPM, ANZECC, USEPA SW-846 guidelines, USEPA CLP National Functional Guidelines for Inorganic and Organic Data Review, and other internationally recognised publications. The data assessment has been prepared in accordance with the NEPC (2013) National Environmental Protection (Assessment of Site Contamination) Measure 1999 and Australian Capital Territory (1997) Environment Protection Act 1997 and the ACT EPA (2017) Contaminated Sites Environment Protection Policy (December 2017). Particular reference is made to the PARCC parameters (precision, accuracy, representativeness, completeness and comparability) in evaluating the data quality.

Table G-1 presents the degree of QA/QC pertinent to the field investigations.

Table G-2 presents the degree of QA/QC pertinent to the laboratory program.

The data quality indicators of precision, accuracy, representativeness, comparability and completeness have been assessed as shown in Table G-3.

Table G-1 Field QA/QC Assessment

QA/QC Criterion	Comments
QA/QC program includes replicate samples	In order to demonstrate the suitability of the soil and water samples analysed, field quality control samples were collected throughout the investigation scope. Out of the 466 primary soil samples analysed, 19 intra-laboratory duplicates were collected, and 18 inter-laboratory duplicates were collected, at a rate of 1:24.53 and 1:25.89 respectively. Out of 11 primary groundwater samples analysed, two inter laboratory duplicate sample and two intra laboratory duplicate sample were taken at a rate of 1:5.5. Out of 10 primary sediment samples collected one inter laboratory duplicate sample and one intra laboratory duplicate sample were taken at a rate of 1:10. Out of 9 surface water samples collected one inter laboratory duplicate sample and one intra laboratory duplicate sample were taken at a rate of 1:9. ERM note that the inter and intra-laboratory duplicate rate for soil sampling is higher than the targeted 1:20 ratio identified within the SAQP, however the achieved ratios are not considered to significantly reduce confidence in the representativeness of the soil sampling data. The rate of duplicate sampling during the sediment, surface water and groundwater investigation scope does comply with the QAQC requirements of the SAQP (1:20 for intra-laboratory and 1:20 for inter-laboratory duplicates). Review of the Relative Percent Difference (RPD) calculated between primary, duplicate and triplicate samples for both soil and groundwater indicates that generally, RPD results were reported within acceptable limits (30%) with the exception for the exceedances highlighted Tables 7 – 9b. RPD results where the samples exceeded screening criteria is likely due to the natural variability within the materials sampled and / or proximity to LOR. It is considered that, overall, the outlying RPD results are likely due to the natural variability within the materials sampled. In some instances, the parent sample reported a resulted below the adopted screening criteria and the duplicate sample above adopted screening criteria however both the parent and duplicate samples have been presented in the results summary. On the basis of the above rationale, exceedances of RPD based limits are not considered to affect the overall quality of the dataset or the ability to meet the objectives of the investigation.
All relevant media assessed	Soil, groundwater, surface water and sediment samples were collected as part of the sampling strategy. Assessment of these media are considered appropriate to achieve the objectives of the investigation.
Appropriateness of sampling strategy	The sampling strategy (including depths and locations) was considered appropriate. A figure was presented showing the sampling locations. The spatial distribution of the samples was roughly grid base across the site.

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QA/QC Criterion	Comments
Sample collection, handling and transportation procedures.	Samples were collected, handled and transported following ERM standard operating procedures.
Sampling is representative of site conditions	The number and type of samples collected as part of the characterisation works was considered to be representative of the area of concern. A total of 290 soil investigation locations were completed. Samples collected were of representative strata (fill and natural) identified during subsurface works. Groundwater was collected from 11 monitoring wells installed as part of the investigation to facilitate a representative dataset of the water bearing unit at the Site. Sediment samples were collected from 10 locations across the site designed to target likely overland surface water flow paths across the site and provide data on the potential for PFAS migration in surface water. Surface water samples were collected from 9 sample locations across the site. Surface water samples were co-located with sediment samples where surface water was present.
Field QA/QC plan	Soil samples from soil bores were collected either from a hand auger, or from excavated material following placement by an excavator. Soil samples from test pits were collected from the centre of the material to avoid cross-contamination from the excavator bucket. Sediment samples were collected using disposable nitrile gloves. Soil samples were placed in laboratory supplied sample jars, stored in a cool box, and forwarded to the NATA accredited laboratory under COC conditions. The methods used to collect the samples, the types of sample containers, preservation techniques and custody protocols were documented appropriately. Decontamination procedures were implemented between collection of samples where required. Clean, disposable nitrile gloves were utilised between sampling locations. Groundwater samples were collected using disposable hydrasleeve samplers. All non-dedicated sampling equipment was decontaminated between sampling locations where designated disposable materials are not used. Where possible, decontamination procedures were generally as follows: The decontamination procedure implemented for all non-dedicated equipment was as follows: ■ all loose soil removed with a wire brush; ■ washed in potable (tap) water and brush scrubbing using tap water and a non-phosphate / PFAS free detergent (Decon 90 / Liquinox respectively) and deionised water; ■ rinsed with water; and ■ air dried. Rinsate blanks were collected from non-disposable sampling equipment (hand auger, solid flight auger and interface probe) to demonstrate efficacy of the decontamination procedures during sampling of soil and groundwater. The results of the rinsate blank samples are contained as presented in Table 9; concentrations of all analytes for both soil and water investigations were reported below the laboratory limits of reporting (LORs). Field QA/QC measures were considered appropriate to minimise cross-contamination between samples. Trip blank and Trip spikes samples were collected as part of this investigation and results are presented in Table 9 and 10. All COPCs were reported below the laboratory LOR, indicating low likelihood of cross-contamination. Background samples were not collected as part of this investigation as a review of geological information and site land use history did not indicate the likely presence of elevated background concentrations of the COPCs in soil on the Site. Trip spike recoveries were acceptable indicating no unacceptable loss of volatiles in storage and transport of samples. Field instruments used as part of this investigation were appropriately calibrated and used according to the manufacturer's instructions.

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Table G-2 Laboratory QA/QC Assessment

QA/QC Criterion	Comments
Appropriate methodologies used for sample analyses	The laboratories used for the investigation works were Eurofins (NATA Accreditation No. 1261, Site Number 18217) and NATA accredited ALS Environmental (NATA Accreditation No.825, Site No. 10911). All methodologies were considered appropriate for the identified contaminants of concern in the matrix. Statistical data presented in the laboratory QA/QC report was considered adequate in demonstrating the precision and accuracy of the methods used to analyse field samples.
Appropriate practical quantitation limits (PQLs)	PQLs for each analyte are presented in the laboratory reports. All sample results were reported with PQLs below the site assessment criteria where practicable.
Laboratory QA/QC plan	ALS and Eurofins have provided the following quality assurance data: ■ NATA approval for analyses undertaken; ■ Sample receipt confirmation; ■ Method blanks; ■ Laboratory duplicates; ■ Limits of reporting; ■ Matrix spikes; ■ Surrogate recovery; and ■ Quality control sample frequency. Laboratory quality control samples included laboratory control samples, internal duplicates, matrix spikes and method blanks. The types of QA/QC samples analysed by the laboratory for the documented samples were considered sufficient to assess the precision and accuracy of the laboratory methods used. The statistical data presented in the laboratory QA/QC report was considered adequate in demonstrating the precision and accuracy of the methods used to analyse field samples. Laboratory duplicate RPDs were generally within the acceptable ranges, with the exception of 20 RPDs which were reported above the acceptable limits. Laboratory surrogates and matrix spikes were generally acceptable, with the exception of those listed in Table 12. In summary, the types of QA/QC samples analysed by the laboratory are considered sufficient to assess the precision and accuracy of the laboratory methods used. The statistical data presented in the laboratory QA/QC report is considered adequate in demonstrating the precision and accuracy of the methods used to analyse field samples. While laboratory QA/QC outliers are reported it is considered that 95% of data satisfy the DQIs.

Table G-3 Overall Sampling and Analysis Methodology Assessment

Field Considerations	Laboratory Considerations
Precision Requirements	
The investigation was conducted following ERM SAQP and any variations from these procedures were documented.	Analysis of the following were reported: ■ Laboratory and inter-laboratory duplicates; ■ Field duplicates; ■ Rinsate samples
Precision Comments	
No significant variations from the ERM SAQP and SOP were noted. Field inter-laboratory and intra-laboratory duplicates were generally reported within the acceptance limits with the exception of those noted above, and all data is presented in summary tables for comparison.	

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Field Considerations	Laboratory Considerations
Accuracy Requirements	
The investigation was conducted following ERM SOPs and any variations from these procedures were documented.	Analysis of the following were reported: ■ Trip blanks; ■ Rinsate blanks; ■ Method blanks; ■ Matrix spikes; ■ Surrogate spikes; ■ Laboratory control samples
Accuracy Comments	
Rinsate blanks were collected on days where soil sampling was conducted via hand auger or trowel Or days where groundwater sampling was conducted following use of an interface probe to gauge groundwater wells. Rinsate samples were not collected and evaluated where soil sampling was conducted from the centre of the excavator bucket during test pitting, or where only disposable nitrile gloves were used, due to minimal potential for cross-contamination to occur via this methodology. No significant variations from ERM SOPs were noted. Laboratory QA/QC samples were generally reported within the acceptance limits specified in the laboratory reports. Minor exceedances were noted	
Representativeness Requirements	
Appropriate media were identified and sampled according to the SAQP.	All samples were analysed according to the SAQP.
Representativeness Comments	
The number and type of samples collected as part of investigation works was considered to be representative of the identified areas of concern. The number and locations of boreholes and wells was generally in accordance with the workplan outlined in the SAQP (ERM, 2021b), with deviations from the scope identified within the DSI report body. Despite these alterations, ERM considers that sufficient data is available to establish a representative dataset across the project for the purposes of the investigation.	
Comparability Requirements	
The SAQP and comparable sampling methods were implemented throughout the course of this investigation, and all field works were conducted by appropriately qualified and experienced personnel. Impacts of climatic conditions on sample integrity were minimised by storing samples in a chilled cooler.	The laboratory LOR for each analyte is presented in the laboratory reports and summary tables. Generally, sample results were reported with LORs below the relevant site screening criteria. The exceptions for this are presented in the results summary tables. Overall, instances of a LOR not conforming to the screening criteria are not considered to materially influence the reported conclusions.
Comparability Comments	
No significant outliers from the requirements were noted	
Completeness Requirements	
All relevant locations were sampled, with the exception of 28 locations (noted within the DSI report) that were excluded due to heritage constraints. The sampling program was conducted following the SAQP, and any variations from these procedures were documented as appropriate. Documentation of field works is provided	No samples were broken during transport Analytes were generally analysed according to the SAQP. Appropriate analysis methods and laboratory LORs were used. Sample documentation was provided. Sample holding times were generally complied with.
Completeness Comments	
The specified requirements for completeness of the dataset were met. The quality of the dataset and overall outcomes of the investigation remain unaffected by the noted RPD and laboratory QA/QC outliers and is considered suitable for the purposes of this investigation.	

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APPENDIX H ZONING PLAN

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Planning, Industry & Environment

State Environmental Planning Policy (Precincts—Western Parkland City) 2021
Land Zoning Map—Aerotropolis

Sheet LZN_001

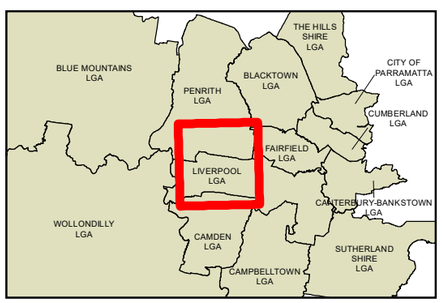
Land Application

Zone

- AGB — Agribusiness
- ENT — Enterprise
- ENZ — Environment and Recreation
- MU — Mixed Use
- SP2 — Infrastructure
- MIC — SEPP (Major Infrastructure Corridors) 2020

Cadastre

Cadastre 18/02/2022 © Spatial Services



N

0 0.5 1 1.5 2
Kilometres

Projection: GDA94
MGA Zone 56

Scale: 1:60,000 @ A3

Map Identification Number: SEPP_WPC_AER_LZN_001_20220218

APPENDIX I GROUNDWATER WELL SURVEY

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www.integralsurveys.com.au

Groundwater Monitoring Wells, Bringelly

Survey Date: 30/06/2022

Surveyor: Hugo Deans

Survey Method and Accuracies

Survey measurements were made using GNSS methods and the value of these measurements were recorded on the MGA94 Zone 56 coordinate system and AHD. GNSS accuracy was deemed appropriate using averaging measurements.

The Check shot onto control mark SS18057 had residuals of; X: 0.031 Y:-0.039 Z:-0.035

Survey Results

Bore #	Easting	Northing	R.L TOP OF CASING
MW04	290464.1	6243711	74.733
MW08	290378.3	6243937	76.647
MW03	290744.5	6243490	65.725
MW02	290619.7	6243453	66.716
MW06	290802.7	6243383	65.347
MW05	290989.5	6243574	64.19
MW01	290474	6243320	69.455
MW11	291320.5	6243913	60.949
MW16	290893.5	6244062	68.545
MW09	291090	6244364	66.245
MW07	290606.1	6244443	81.524
MW02 BLD1	290492.2	6244146	80.115
MW01 BLD1	290498.3	6244199	77.915
MW06	290520.5	6244286	78.447
MW05	290463.3	6244433	82.027
MW03 BLD1	290278.3	6244613	84.934
MW04 BLD1	290360.9	6244602	83.103

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